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THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

September 30, 1930.

Vol. 23, No. 14.

DAIRY AND POULTRY PRODUCTS PLAN FOR YEAR'S TURKEY GRADING WORK.

The Division of Dairy and Poultry Products is busy working out plans for the turkey grading work this year. Present arrangements consist of plans for a grading school to be held at San Angelo, Tex., October 20-25. with tentative plans for a school at Salt Lake City the following week. A number of the Pacific Northwestern States have indicated a desire to have local schools. It now looks as though there will be a larger demand for the grading work this year than there was last year, when more than 8 million pounds of turkeys were graded and fees amounting to more than \$1,700 were collected by this Bureau.

Representatives of 10 or more turkey pools in the Northwestern States will meet at Salt Lake City October 11 to decide upon the grades which the Northwestern Turkey Pool will use. This large pool has been organized and will operate in accordance with plans approved by the Federal Farm Board. T. W. Heitz, of the Division of Dairy and Poultry Products, will represent the Bureau at the Salt Lake City meeting.

MR. OLSEN NAMES OUTLOOK COMMITTEES FOR 1930-31.

The list of Outlook Committees for 1930-31 was issued by Mr. Olsen last week. Forty-one committees were named, on which the Bureau has 103 representatives, the Farm Board, 16, the Farm Loan Bureau, 1, the Bureau of Public Roads, 1, the Bureau of Plant Industry 14, the Bureau of Entomology, 6, the Extension Service, 15, the Bureau of Chemistry and Soils, 1, the Bureau of Animal Industry, 10, and the Bureau of Dairy Industry, 2.

The Agricultural Outlook for 1931 will be released February 2. The preliminary draft of the reports will be read before the Bureau Outlook Committee January 20 to 22, and the final Outlook Conference will be held during the week January 26-31. To insure that the reports be completed in ample time, Mr. Olsen has suggested that each committee hold a preliminary meeting in December, to discuss the last Outlook Report and subsequent developments, and to organize the committee for the preparation of the annual report. It will be necessary to begin active work on the preparation of the reports immediately after the Christmas holidays in order to keep the schedule announced above.

The committees will function not only on the Annual Outlook Report but also on the special reports and on material prepared for presentation at the regional conferences.

Following is a list of the committees and their chairmen: Domestic Demand, L. H. Bean, Chairman; Foreign Demand, Asher Hobson, Chairman; Credit, N. J. Wall, Chairman; Farm Power and Equipment, M. R. Cooper, Chairman; Cotton, A. W. Palmer, Chairman; Wheat and Rye, W. F. Callander, Chairman;

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Flax, J. A. Becker, Chairman; Rice, G. A. Collier, Chairman; Oats, W. A. Wheeler, Chairman; Barley, G. A. Collier, Chairman; Corn, W. F. Callander, Chairman; Soy Beans, C. L. Holmes; Beef Cattle, C. V. Whalin; Hogs, C. A. Burmeister; Dairy Products, C. L. Holmes; Sheep and Wool, C. V. Whalin; Mohair, C. V. Whalin; Horses and Mules, C. F. Sarle; Poultry and Eggs, R. C. Potts; Turkeys, S. A. Jones; Feed Crops and Livestock, J. A. Becker; Hay and Pasture, E. C. Parker; Feedstuffs, F. J. Hosking; Potatoes, E. Rauchenstein; Sweet Potatoes, J. B. Shepard; Vegetables, Paul Koenig; Citrus F. G. Robb; Apples, M. R. Cooper; Peaches, J. W. Park; Grapes, F. G. Robb; Cherries, S. R. Newell; Strawberries, F. G. Robb; Peanuts, R. R. Pailthorp; Dry Beans, S. A. Jones; Clover and Alfalfa Seed, G. C. Edler; Tobacco, C. E. Gage; Sugar, O. C. Stine; Honey, H. J. Clay; Broomcorn, K. B. Seeds; Pecans, R. R. Pailthorp; General Agricultural Outlook and Summary, C. L. Holmes.

NEW USES OF COTTON DISCUSSED IN COMMITTEE MEETING TODAY.

A meeting of the New Uses for Cotton Committee, on which this Bureau has representation, is being held today (September 30), in the conference room of the main building of the Department. The cotton work of the Government and of the Cotton Textile Institute, as it benefits the cotton farmer and the manufacturer, will be described by various speakers.

The committee is composed of the Cotton Textile Institute of New York City, this Bureau and the Bureaus of Chemistry and Soils, and Home Economics, of this Department; and the Bureaus of Standards, and Foreign and Domestic Commerce, Department of Commerce. Meetings have been held regularly during the past few years to discuss the work of these units and to plan for future work.

Mr. Olsen is one of a group of representatives of this and other Government Departments, including Secretary Hyde and Assistant Secretary R. W. Dunlap, who have been invited to speak. Representatives of the other units represented on the committee are also expected to speak.

SUCCESSFUL OUTLOOK MEETING AT AMES, REPORTED BY DR. HOLMES.

The Central States Regional Outlook Conference was held at Iowa Agricultural College, Ames, Thursday, Friday and Saturday of last week. One to 4 representatives from each of 12 States were present, according to Dr. C. L. Holmes, who returned to Washington today. Extension Directors of 6 States were present.

The commodity committees met with the Federal representatives during the first half day session and this was followed by general discussions of the Outlook for different commodities by the conference as a whole. No regional report was prepared for release, but each group of State representatives took his material home with him to use in preparing State reports. Following the commodity discussions several sessions were devoted to discussing methods of preparing Outlook reports and extension work in connection therewith.

The meeting was generally regarded as quite successful and is expected to become a regular feature of Outlook work. The Bureau was represented by Messrs. Holmes, Dixon (H.M.), Bean, Burmeister and Harlan. Dr. C. E. Ladd, Director of Extension of New York, and V. B. Hart, of Cornell University, who are temporarily working in Washington, also participated in the meeting.

BUREAU SENDS REPRESENTATIVES TO
AMERICAN COUNTRY LIFE CONFERENCE.

The American Country Life Conference, which will convene in Madison, Wis., October 7-10, will deal with Standards of Living. It will be conducted by the American Country Life Association in cooperation with the College of Agriculture, University of Wisconsin, and other State and national agencies and organizations. This Bureau will be represented at the conference by Dr. C. J. Galpin, In Charge, and Dr. T. B. Manny, of the Division of Farm Population and Rural Life. Doctor Galpin will discuss the four subjects, "The Contribution Which Rural Life Is Making Today Through Population Shifts," "Plans for Community Development and Cooperation of Agencies Through the Organization of a Complete Town-County Community," "When Is a Community too Small?" (this ten-minute speech will be broadcast) and "What Lies Back of A Recreation Program;" and Doctor Manny will discuss the two subjects, "Farmer Psychology and Rural Organization" and "The Unit Requirement Idea for Local Government in Rural Areas."

Such national figures will take part in this conference as Hon. Ray Lyman Wilbur, Secretary of the Interior, Hon. Frank O. Lowden, former Governor of Illinois, Miss Grace Abbott, Chief of the Children's Bureau, Hon. J. C. Stone, Vice Chairman, Federal Farm Board, and Dr. Glenn Frank, President, University of Wisconsin.

ST. LOUIS TRADE RECEIVES BEEF
GRADING SERVICE WITH ENTHUSIASM.

The Division of Livestock, Meats and Wool inaugurated the beef grading service at St. Louis, Mo., on September 15. The first graded and stamped beef in that city was purchased by the American Hotel.

W. C. Davis, of the Washington office, who with the assistance of W. W. Wheeler, of the local office, got the work under way, reports that the organized St. Louis meat trade interests showed their enthusiasm over the new service by calling a mass meeting of the retail dealers and other interested tradesmen of that city on September 16. The meeting was held in part as an educational feature to acquaint the trade with the purpose, scope and benefits of this service, and also for the expressed purpose of registering appreciation for the extension of this modern trade feature to St. Louis and vicinity.

Mr. Wheeler was kept busy during the week grading and stamping beef with many local plants. The first straight carload of graded beef was stamped at the plant of the East Side Packing Co. for shipment to Boston, Mass. The hotels and restaurants of the city, through the local Stewards Club, are practically all demanding Government graded and stamped beef.

The total gradings for the week approximated 300 carcasses.

FINAL ANNOUNCEMENT MADE OF
GRADUATE SCHOOL COURSES.

Final announcement of the Graduate School courses has been made. The school will open the week beginning October 20. As in previous years several members of this Bureau will conduct classes. Following is a list of the

graduate courses conducted by our men: Advanced Statistical Methods (year) - C. F. Sarle (Farm Board) and E. J. Working; Economic Theory (year) - E. J. Working and C. F. Sarle; History of American Agriculture (year) - Everett E. Edwards; Business Cycles in Relation to Agriculture (one semester) - L. H. Bean. C. M. Purves will conduct two undergraduate classes in Elementary Statistical Methods, one for a year and the other for one semester.

Graduate work in the Department courses is accepted by a number of standard universities as credit toward a higher degree. Employees of the Bureau who are interested in enrolling in the Graduate School should register with Dr. A. F. Woods, Director of Scientific Work and Graduate School.

FEED SURVEY ABOUT COMPLETED BY CROP AND LIVESTOCK ESTIMATES.

The Division of Crop and Livestock Estimates has about completed its study of the data from the feed survey, made as of August 20 in connection with the President's drouth relief program. This information has been used as the basis of recommending to the American Railway Association the counties in which farmers were to be granted the 50 per cent reduction in freight rates on in-shipments of feed and out-shipments of livestock to feed. The division has also prepared a list of counties in 28 States covered by the survey, indicating a surplus of corn, grain sorghum, oats, rye, alfalfa hay, clover and timothy hay, other tame hay or wild hay. This list is now being distributed to the State drouth relief commissions.

B. A. E. LIBRARY BULLETIN BOARD ATTRACTS ATTENTION.

The bulletin board of the Bureau Library, on the third floor of the Bieber Building, is particularly attractive this week. Eight new laws of interest to the Bureau staff are posted on white backgrounds, outlined in colors. The Library maintains files of these laws and all bills and hearings of interest to the Bureau.

Miss Vajan Hitz, in charge of the legislative work of the Library, is to be congratulated on the attractive manner in which she has displayed the bulletin board material this week.

ALICE McQUINN SCORES 150 GAME IN LADIES FEDERAL LEAGUE OPENING.

The Ladies Federal League, composed of 14 teams, opened the season last Thursday night at the Arcadia Alleys. Agriculture is represented by two teams, one known as Agriculture, composed of Captain Mary Thompson, Farm Management and Costs, Alice McQuinn, Property and Supplies, Mae Perry, Crop and Livestock Estimates, Bertha Greevy, Center Market, Catherine Viehmann, Economic Information, and Jennie Malcolm, Forest Service; the other, known as Economics, composed of Captain Mayne Fleharty, Extension, Anna Kirby, Crop and Livestock Estimates, Kathryn MacKinnon, Farm Management and Costs, Elsie Romero, Economic Information, and Maude Cunningham, Federal Farm Board. Agriculture whitewashed its opponent, hanging up one game of 541, in which Alice McQuinn rolled 150 and Mae Perry, 119. Economics took one game.

Elsie Romero is again Secretary-Treasurer of the Ladies League. The men of the Department are not represented in the Men's Federal League this year.

BUREAU NOON HOUR RADIOBROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 1:05 to 1:20 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning October 6:

October 6, 1:05 p.m., C. A. Burmeister, October Hog Markets

1:10 p.m., W. B. Lanham, Selling Cotton by Grade and Staple

October 8, 12:45 p.m. (special time arrangement), D. A. McCandliss, The October Cotton Crop Report

October 11, 1:15 p.m., W. F. Callander and other members of Crop Reporting Board, Summary, October Crop Report

EXAMINATIONS FOR STANDARDIZATION AND BEAN MARKETNEWS SPECIALISTS, AND LIVESTOCK MARKET REPORTER.

Examinations for the positions of Associate Marketing Specialist (Bean Standardization) and Associate Marketing Specialist (Bean Market News) have been announced by the Civil Service Commission. The salary range for these positions is \$3,200 to \$3,800 a year. Applications must be on file with the Commission at Washington not later than October 8.

Competitors will not be required to report for examination at any place, but will be rated on the subjects of education, training, and experience, and thesis or discussion (to be filed by the applicant), with the relative weights of 70 and 30 respectively.

The Civil Service Commission also announces an open competitive examination for the position of Assistant Marketing Specialist (Livestock Market Reporter), salary, \$2,600 to \$3,200 a year. Applications will be received at the Commission, Washington, D. C., until October 22. Applicants will be rated for education, training, and experience with a weight of 70, and for thesis or discussion (to be filed with the application), with a weight of 30.

For complete information concerning educational and other requirements for entrance to these examinations, copies of the announcements may be consulted in the Personnel Section.

COORDINATOR RECOMMENDS ECONOMICALPRACTICES IN SHIPPING MATERIALS.

Economical practices in making shipments of Government materials are discussed in circular letter No. 34, dated September 10, 1930, from the Office of the Chief Coordinator, from which letter the following paragraphs are quoted for the guidance of field officers:

"Although the economical practices mentioned herein are observed generally by Federal activities in making shipments of ordinary supplies, etc., instances of their oversight which have been brought to the attention of this office appear to warrant the recommendation to departments and establishments that they reenforce at this time their instructions in the premises to their shipping offices. * * *

"Economy demands that shipments be made by express only when required by emergency or when the total weight of shipment costs less by express (on graduate scale) than by freight (on basis of 100 lbs.) Emergencies requiring shipments by express can be avoided frequently by anticipating needs for ordinary supplies by a few days so that they may be forwarded by freight, requiring but from two to six days longer in transit than by express."

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending September 26, are:

- American agricultural chemical co. A survey of the farm problem with particular reference to wheat production costs. New York, 1930. 16p. 59 Am32S
- Chamber of commerce of the United States of America. Agricultural service dept. The clearing house in agricultural marketing. Washington, D. C. [1930] 13p. 280.3 C352
- Clark's textile year book and southern textile directory, 1930 ed. Charlotte, N. C. [1930] 304.8 C56
- Mercer, T. W. Richard Carlile on co-operation, a century-old criticism. [Manchester, National co-operative publishing society, limited] 1929. 11p. 280.2 M53
Reprinted... from "The Co-operative review."
- National foreign trade convention. Official report, 17th, 1930. New York, 1930. 457p. 286 N46
- Peterson, Charles W. Wheat - the riddle of markets; a brief study of the production, sale and consumption of wheat, Calgary, Canada, "Farm and ranch review limited," 1930. 121p. 59 P44
- Riefler, Winfield W. Money rates and money markets in the United States...with an introduction by E. A. Goldenweiser. New York, Harper & brothers, publishers, 1930. 259p. 284 R44
- U. S. Bureau of the census. Biennial census of manufactures, 1927. Washington, U. S. Govt. print. off., 1930. 1497p. 157.41 Sp3Mf 1927
- Virginia. University. Institute for research in the social sciences. Institute monograph no.8. Problems in contemporary county government; an examination of the process of county administration in Virginia, by Wylie Kilpatrick. University, Va., 1930. 666p. 280.9 V81
- Wagemann, Ernst. Economic rhythm, a theory of business cycles. Tr. by D. H. Blelloch. New York, McGraw-Hill book company, inc., 1930. 287p. 280 W122
- Wallace, Benjamin B. & Edminster, Lynn R. International control of raw materials... Washington, D. C., The Brookings institution, 1930. 479p. (Institute of economics of the Brookings institution) 286 W15
- Warburg, Paul M. The federal reserve system; its origin and growth. Reflections and recollections... New York, The Macmillan company, 1930. 2v. 284 W19

HERE AND THERE.

O. C. Stine, In Charge, Division of Statistical and Historical Research, will represent the Bureau at a meeting of the American Statistical Association, in New York City, October 2.

Victor N. Valgren, Division of Agricultural Finance, has been in attendance at a meeting of the Committee of Farm Fire Protection, at Chicago, Ill., September 29 and 30. Mr. Valgren is a member of this committee and chairman of the sub-committee on statistics. Before returning to Washington he will also visit points in Indiana and Ohio to gather information on agricultural insurance with special reference to livestock insurance.

W. C. Davis, Division of Livestock, Meats and Wool, will attend the Annual Convention of the National Restaurant Men's Association, at Cleveland, Ohio, October 6-8 inclusive. He will supervise the U. S. Beef Grade Exhibit of Pfaelzer Bros., Chicago. This will be the first time that a commercial concern has put on an exhibit of U. S. graded and stamped beef.

Richard C. Ross, Associate Agricultural Statistician, is transferring from the Seattle, Wash., office of the Division of Crop and Livestock Estimates, to Washington, D. C., to take charge of the Maryland crop and livestock estimating work, headquarters for which are in the latter city.

Dr. Robert W. Webb, Division of Cotton Marketing, is spending some time at Clemson College, S. C., going over with L. E. Campbell of that office, all aspects of the spinning work as related to the entire cotton standard research program. Dr. Webb will also consult with H. W. Barre, Director of the South Carolina Agricultural Experiment Station, and others in the field of agronomy, physiology, and breeding, who are interested in the subject of quality in raw cotton, its measurement and standardization.

Oris V. Wells, Division of Farm Management and Costs, on September 26, assisted State agricultural workers in holding Outlook meetings at three points in Shenandoah County, Va., at which farmers were acquainted with the agricultural Outlook and its application to adjustments in their farm enterprises.

Norman S. Pearse, Jr., General Secretary of the International Federation of Master Cotton Spinners and Manufacturers Association, of Manchester, England, has spent some time recently with representatives of the Divisions of Cotton Marketing and Crop and Livestock Estimates, gathering information on cotton, especially with reference to the quality of cotton grown in the United States. Mr. Pearse is in this country on a general trip of inspection in connection with his work.

Arthur T. Edinger was reinstated as Associate Marketing Specialist in the Division of Livestock, Meats and Wool, September 23, with headquarters in Washington. Mr. Edinger has been engaged in commercial work since last February. He is now in New York City assisting the local office in reporting the livestock market.

R. C. Potts, In Charge, T. R. Pirtle, and George H. Powers, Division of Dairy and Poultry Products, plan to attend the 1930 National Dairy Show in St. Louis, October 11-17, and demonstrate the Bureau's exhibits. The dairy exhibit will consist of booths especially constructed to portray features of the market news, standardization and grading work of the division. The poultry exhibit will consist in large part of the material exhibited at the World's Poultry Congress, held in London, England, this summer.

Under fellowships awarded last spring by the Social Science Research Council, the following Bureau men have entered the universities listed, for graduate work in Economics: G. L. Crawford, Division of Cotton Marketing, Columbia; R. S. Kifer, Division of Farm Management and Costs, Columbia; D. C. Mumford, Division of Farm Management and Costs, Harvard; S. R. Newell, Division of Crop and Livestock Estimates, Harvard; A. G. Peterson, Division of Statistical and Historical Research, Harvard; E. H. Wiecking, Division of Land Economics, Harvard.

George C. Haas, former representative of the Bureau in Berlin, Germany, has been a recent welcome visitor in the Washington offices.

Burton D. Seeley, Division of Agricultural Finance, will leave Washington October 5 for the Eastern Shore of Virginia, where he will interview growers and dealers and obtain information in continuation of the joint production credit and farm management study of the Bureau.

We are pleased to learn that R. C. Miller, In Charge of the Minneapolis office of the Grain Division, who has been confined to a hospital, is showing some improvement.

Foreign visitors who have made use of the Bureau library recently, are: Dr. W. Seedorf, University of Göttingen, Germany; Mr. Campbell, of New Zealand, who is in this country at the Brookings Institute, on a commonwealth fellowship; Dr. F. E. Geldenhuys, Department of Agriculture, Union of South Africa; and Estanislao Picado, Argentina.

The Washington force is much interested in the news of the arrival in the home of Mr. and Mrs. S. L. Byerly, of a new son, Clement Samuel. Congratulations are extended. Mr. Byerly is connected with the market news work of the Division of Livestock, Meats and Wool in Nashville, Tenn.

Arsenio M. Bayla, of the Bureau of Plant Industry, Department of Agriculture, Manila, Philippine Islands, spent some time in the Washington offices last week, conferring with members of the staff in reference to our organization. He is primarily interested in problems of agricultural credit and marketing. Mr. Bayla has been studying agricultural economics at the University of Wisconsin for several years. The Philippine Department of Agriculture has made only a small beginning in the field of economics, and Mr. Bayla expects to expand this branch of work, adapting the information he has gathered in this country to the program at home. He will sail from San Francisco for Manila early in October.

Joseph F. Irvine, who for five years has been handling the telegraphic shipment reports of the Division of Fruits and Vegetables, has been transferred to the branch of the division under F. G. Robb, where he will assist with the accounting work incident to the enforcement of the Perishable Agricultural Commodities Act and the Produce Agency Act. J. L. McClure, Editor of the Division Letter for the last year, will again handle the telegraphic shipment reports, work in which he has previously had much experience. Paul Froelich has resumed the editorship of the Division Letter for the present. He previously served in this capacity from 1918 to 1927.

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October 7, 1930.

Vol. 23, No. 15.

BUREAU SENDS THREE MORE REPRESENTATIVES ABROAD.

The Bureau is about to send two more representatives to foreign posts. E. C. Paxton, who has been in charge of the crop estimating work in Kansas for a number of years, has been transferred to the Foreign Agricultural Service Division and will be located in Sidney, Australia. Percy K. Norris, who has been in charge of the grade and staples estimates office of the Division of Cotton Marketing at Atlanta, Ga., since July 1, 1929, has been transferred to the foreign service and will conduct special cotton surveys in Egypt and the Sudan.

Mr. Paxton is due to arrive in Washington some time this week for conference and instruction preparatory to assuming his new post. He will have charge of foreign service activities in Australia and New Zealand. This work will include appraisals of world competition and demand factors on staple agricultural products grown in that territory and the estimating of crop conditions and probable yields.

Mr. Norris is now in Washington and is expected to sail in a short time for Egypt. He will collect and analyze information designed to furnish a basis for estimating more accurately the potentialities from the standpoint of quantity and quality of cotton grown in Egypt and the Upper Sudan, and to measure the influences on the world's price of the price stabilization policies in effect in Egypt. The trend in the improvement in quality and the effectiveness of measures curtailing production in Egypt will also be studied.

The Foreign Agricultural Service Division is also adding to its staff another member of the Division of Crop and Livestock Estimates, J. Barnard Gibbs, who has been connected with the crop estimating work since November, 1924, more recently assigned to the Missouri office. Mr. Gibbs will come to Washington soon preparatory to assuming the duties of assistant to Louis G. Michael, now in charge of the Bureau's activities in the Danube Basin with headquarters at Belgrade, Yugo-Slavia.

MEETING CALLED TO CONSIDER COMMITTEE'S STUDY OF GRAIN STANDARDS ACT.

Members of the Grain Division, representing both the Washington office and field offices, will meet with Mr. Olsen and Mr. Kitchen in Chicago on October 15 to consider the report and recommendations made by the special survey committee that has been studying the Grain Standards Act, the official grain standards, and the inspection methods under the grain inspection laws. The committee is composed of Prof. George R. Hyslop, head of the Department of Farm Crops of Oregon Agricultural College, and Edward C. Parker of this Bureau, and was appointed by Mr. Olsen with the approval of Secretary Hyde over a year ago. Since that time

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U. S. DEPT. OF AGRICULTURE

Messrs. Hyslop and Parker have spent considerable time in the field conferring with representatives of the Grain Division and with various representatives of the States and the grain trade on questions related to the survey.

It is expected that the group will be in Chicago for several days, as the committee's report is an exhaustive treatment of the whole subject of grain standards and inspection, and careful consideration will be given to each recommendation made.

In addition to Messrs. Olsen, Kitchen, Hyslop and Parker, and Messrs. Besley, Boerner, Murphy and Coleman of the Washington office of the Grain Division, the following field representatives will be present in Chicago: R. T. Miles, Oscar Phillips, Wm. P. Carroll, Fred G. Smith, Robert C. Mill, Calhoun L. Cannon, Herbert E. Nelson, William H. Shea, Robert H. Black, Philip Rothrock, John Sheedy, A. F. Nelson, John H. Edwards, and H. P. English.

COMMITTEE REVIEWS WORK IN PROMOTING NEW USES FOR COTTON.

The development of new uses of cotton were discussed by representatives of the New Uses of Cotton Committee at a meeting of committee representatives in the Department on September 30. The committee is made up of members from this Bureau, the Bureau of Home Economics, and Chemistry and Soils, of the Department of Agriculture, the Bureaus of Standards, and Foreign and Domestic Commerce, of the Department of Commerce, and the Cotton Textile Institute of New York.

Representatives at the meeting reported several interesting new outlets for cotton. The Bureau's efforts in this direction were reported by Arthur W. Palmer, In Charge of the Division of Cotton Marketing.

In that part of its utilization work designed to extend the uses of cotton the division has projected three lines of activity. Two of these are the study of consumption and demand. This work has been started with a recognition that from the standpoint of utilization, cotton is not a single commodity but a substance having so many different qualities and characteristics that it can be more properly regarded as a group of commodities, each with a separate set of utilities. In the consumption studies Peter M. Strang is undertaking to find which of these qualities are now being most readily consumed and the purposes which their products are serving. The demand studies go still further into the causal conditions underlying consumption. In this work Dr. Ward W. Fetrow is studying the competition of other fibers and of other growths of cotton with the cotton of this country, the ranges within which substitutions can take place, and the factors which are contributing to bring those substitutions about.

Surveys have been made of the use of bags as fertilizer containers, of bags in laundries, and as fertilizer containers; and the use of cotton on farms. A study of the use of bags for flour and feeds and for cement is now under way. These surveys yield information as to the amounts of cotton which could be used for each purpose, the qualities of fabrics and of cotton required, the competitive materials and the comparative costs. Where the information discloses the need for more effectively designed material for cer-

tain purposes, Robert J. Cheatham and his assistants undertake to devise and design fabrics that will best suit the purpose and meet the competition. Effective work has been done in the designing of a bagging for cotton bales, in which the questions of durability and costs have been so worked out that the fabric can be brought into production as a measure of quick relief in any year when over-production becomes so acute as to put the costs on a parity with that of materials now in use.

Another interesting example of adaptation work is that of a consumer package which has been developed for fruits and vegetables in which such products as oranges, lemons, potatoes and onions can be sent from the point of production through to the ultimate consumer. These bags afford the retail distribution certain advantages, among which is the saving of clerks' time in weighing or counting out the contents and in preventing the losses due to picking over fruits and vegetables in retail stores. They permit the customer to examine the contents before buying and they enable the producer or packer to brand his products in a way to build up a consumer demand for his particular brands. Commercial bag makers are now exhibiting this bag to the trade and taking orders for it.

Among the other projects reported at the meeting was one, conducted by the Bureau of Home Economics in cooperation with this Bureau, which follows cotton of known grades and staple length straight through from the raw stock and the spinning and weaving laboratories to bed sheets in use in a hotel in this city. This is the first study to link grade of fiber with performance of fabric. It includes 90 sheets "made to order" under the direction of this Bureau. Our cotton specialists supervised the selection and classing of the raw cotton and our technologists handled the manufacturing phases under experimental conditions through cooperation with the Textile Department of Clemson College, South Carolina. The fabric was bleached and finished under supervision at a nearby plant and made up into sheets 104 inches long.

Laboratory tests of the tensile strength, thread count, and weight of the different grades of the sheeting were made by the Bureau of Home Economics before the sheets were put into use in the hotel. Each sheet has an identifying mark, and an exact record is maintained of the number of times it is used. This is possible because all the sheets are distributed on one floor only in the hotel, and laundered separately from other linen, but by the same methods. The hotel has its own laundry, so it has been possible for a textile specialist from the Bureau of Home Economics to observe daily the laundering of the sheets.

U. S. GRADES FOR SLAUGHTER

HEIFERS DEPICTED ON POSTERS.

The Division of Livestock, Meats and Wool is now engaged in mailing out copies of a new poster showing graphically in colors the U. S. grades of slaughter heifers. This is the second of a series of posters which was projected some months ago, illustrating the official U. S. grades of different kinds and classes of meat animals. Copies of the posters are being sent to Extension Directors, animal husbandmen, Experiment Stations, Agricultural Colleges, trade journals, and stock yard companies.

TOLL FERRY STORAGE AND TOWAGE CHARGES
CN OFFICIALLY USED AUTOMOBILES.

For the information of the Bureau employees concerned, Memorandum No. 599 of the Office of the Secretary is quoted below:

"In view of the closing proviso in the section entitled, 'Mileage Rates for Motor Vehicles,' in the Agricultural Appropriation Act for 1931, viz., 'Provided further, That the Secretary of Agriculture may authorize the payment of toll and ferry charges, storage and towage for such motorcycles and automobiles, in addition to the mileage allowance,' all employees of the Department authorized to operate their personally owned automobiles on the mileage basis will in addition to such mileage be allowed charges for tolls and ferriage, storage and towage incurred in connection with the authorized use for official travel of such personally owned automobiles or motorcycles."

BUREAU NOCN HOUR RADIO PROGRAM.

The Department radio program is now broadcast from 12:50 to 1:10 p.m., eastern standard time. A special program will be given the week of Oct. 13, daily from 12:30 to 1:30 p.m., eastern standard time, from the National Dairy Show, St. Louis. The only additional feature that week will be a discussion of the Price Situation, 12:50-12:56 p.m., Oct. 16, by Dr. O. C. Stine, this Bureau.

RALPH C. MILLER

Ralph C. Miller, Senior Marketing Specialist of the Grain Division, died in Minneapolis, September 27.

Mr. Miller at the time of his death was in charge of the Office of Federal Grain Supervision in Minneapolis. He entered the Department in 1909 and was connected with the Grain Standardization Project. In that work he contributed notably to the assembling of data which formed the basic facts on which the Department later drew in the establishment of the official grain standards of the United States. Mr. Miller was stationed at New Orleans during his early service in the Department. He made a trip to Europe on a grain vessel for the purpose of obtaining specific information on the caring qualities of grain shipped from the Gulf to Europe. He was given other special assignments which took him to the principal grain producing areas and into the principal grain markets throughout the United States.

In the latter part of 1916, following the passage of the grain standards Act, Mr. Miller was stationed at Washington. He opened the Office of Federal Grain Supervision at Nashville, Tenn., December 1, 1916. Early in 1917 he was recalled to Washington and assisted in the establishment of the standards for wheat, a piece of work for which the Department was pressed because of the war situation and the control by the Government of wheat marketing and fixed price. He was transferred from Washington to Minneapolis in 1917 to take charge of the Office of Federal Grain Supervision in that city.

Mr. Miller was nationally known and recognized as a wheat expert. He was a graduate of the University of Minnesota, receiving a B.S. degree from that institution in 1909. He is survived by his wife and two children.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending October 3, are:

Darling, Malcolm Lyall. Rusticus loquitur; or, The old light and the new in the Punjab village. London, New York, H. Milford, Oxford university press, 1930. 400p. 281.2 D24R

Fowler, William A. Portland's share in export traffic from North Central United States to Trans-Pacific markets. Eugene, Oreg., The University [1930] 45p. (University of Oregon Publication. Business administration series, v.1, no.7, August, 1930) 280.9 Or32

Horace Plunkett foundation. Agricultural co-operation in England; a survey. London, G. Routledge & sons, ltd. [1930] 272p. 280.2 H78A

Horner, Frederick C. The application of motor transport to the movement of freight and passengers... [n.p., 1929] 48p. 289.4 H78

Lantis, Lee Ora. Rural community life. New York, Chicago [etc.] American book company [1930] 375p. 281.2 L29

Manchester, Eng. Markets dept. Markets committee. Report of the Markets committee for the year ending 31st March, 1930. Manchester, H. Blacklock & Co., ltd., printers [1930] 33p. 280.39 M312

Nebraska. University. College of business administration. Committee on business research. The industrial utilization of Nebraska hides. Lincoln, Nebr. [1930] 56p. (Its Nebraska studies in business, no. 25) 280.9 N27

Rae, George. The country banker; his clients, cares, and work from an experience of forty years, by the late George Rae, 7th ed. Rev. by Ernest Sykes... London, J. Murray [1930] 324p. 284 R12

Russell, George William. The national being; some thoughts on an Irish polity, by A. E. London, Macmillan & Co., ltd., 1925. 176p. 280 R91

Seedorf, Joh. J. Wilhelm. Landarbeitslehre... Friedrichswerth (Thüringen) Meyer, [192?] 119p. (Landwirtschaftliche bücherei band XXI) 283 Se3

Southern textile association. Proceedings of the 42nd semi-annual meeting and sectional meetings... July to Dec. 1929. Semi-annual meeting, Spartanburg, S. C., Nov. 1, 1929. [Spartanburg? S. C., 1929] 312p. 304.9 So8

U. S. Bureau of foreign and domestic commerce. Commerce yearbook 1930 (eighth number) v.1- United States. Washington, U. S. Govt. print. off., 1930. 678p. 157.54 Y3

BUREAU BREVITIES.

SHIPPING FRUITS AND VEGETABLES IN MIXED CARLOADS, a preliminary multigraphed report, by J. W. Park and Brice Edwards, Division of Fruits and Vegetables, is now being distributed. This report is based largely on information obtained from dealers and shippers, and on observations of the Bureau representatives, and statistical data compiled by the Bureau. It relates chiefly to mixed cars shipped direct from producing areas. A short discussion is included concerning mixed car shipments as a means of redistributing fruits and vegetables from large receiving markets.

THE FOUR LECTURES DELIVERED BY DR. O. E. BAKER, Division of Land Economics, at the Farmers' Short Course, College Station, Texas, July 28-August 1, inspired the following comment in the August 1930 issue of The Extension Service Farm News of the A. & M. College of Texas: "Possibly no speaker on the general program since Dr. G. F. Warren of Cornell addressed Short Course audiences here in 1920 has made a more profound impression on his hearers than Dr. O. E. Baker of the United States Department of Agriculture in his series of four lectures on the general subject of land utilization. His keen analysis of national and world wide forces as they affect agriculture, his strict adherence to fact rather than opinion, and his sympathetic consideration of the plight of the American farmer gave weight to the few cryptic suggestions for improvement he offered. A brief summary of some of his chief conclusions are included in this issue of the News and readers will be glad to learn that his talks are to be published in bulletin form this fall."

METHODS OF CORRELATION ANALYSIS, a text book on the relationships of variables by Mordecai Ezekiel, former member of this Bureau, is now off the press. Most of the methods presented have been used in the work of the Bureau and were taught in the Graduate School classes in Advanced Statistical Methods which Mr. Ezekiel conducted for several years in collaboration with H. R. Tolley, former Assistant Chief of this Bureau. Mr. Ezekiel acknowledges his particular indebtedness to Mr. Tolley for much that is included in the book. He says that "In a very real sense this book is a product of the spirit of research with which the Bureau of Agricultural Economics was imbued by the broad vision of Henry C. Taylor." Other Bureau members who are credited with rendering assistance are: Fredk. V. Waugh; Louis H. Bean; Miss Susie White; Miss Helen L. Lee; Miss Della E. Merrick; R. G. Hainsworth; O. V. Wells; and Mrs. Corinne F. Kyle.

PECAN PRODUCTION IN THE UNITED STATES, 1924-1929, is a preliminary report in multigraph form, by Dr. S. A. Jones. The material in this study is derived mainly from a special pecan survey of the crop of 1928, carried out in the spring of 1929 by the field statisticians of the Bureau in the pecan States. Dr. Jones acknowledges receiving the assistance and cooperation of V. C. Childs and other field members, and of agencies in the pecan industry.

COPY OF THE ANNUAL FRUIT AND VEGETABLE REPORT OF L. M. Rhodes, Commissioner, Florida State Marketing Bureau, has been received in this Bureau. The report was compiled by Frank Scruggs, Market News Specialist, who formerly was in charge of the New England market news radio service.

BEEF GRADING AND STAMPING SERVICE is described in Leaflet 67 by W. C. Davis to fill an increasing demand for popular information on the subject. The benefits of the service to stockmen, to slaughterers, to wholesalers and brokers, to retailers, to hotels, restaurants, and dining cars, and to housekeepers are outlined.

BUREAU BREVITIES - Continued.

BROOMCORN GROWING AND HANDLING is the title of Farmers' Bulletin 1631, which has recently come from the press. R. S. Washburn of the Division of Farm Management and Costs is joint author with John H. Martin of the Bureau of Plant Industry. The Bulletin, although a popular one, is based upon records of the costs and practices in growing broomcorn obtained from 190 farmers in Illinois, Kansas, and Oklahoma in 1928, and upon experiments with broomcorn on several field stations of this Department in Oklahoma, Texas, New Mexico and Kansas during the last twenty years.

MANUSCRIPTS SUBMITTED BY THE BUREAU DURING SEPTEMBER.

The following manuscripts were submitted to the Division of Publications during September:

- Baker, O. E.: Graphic summary of agriculture. For Mis. Pub.
Black, J. D. and Hartman, W. A.: Economic aspects of land settlement in the cut-over area of the Great Lakes States. For Cir.
Feeding wheat to livestock. For Mis Pub. (Joint pub. with B.A.I. and Dairy Industry)
Hosterman, W. H.: Determining the quantity of hay in a stack For Leaflet.
Wiecking, E. H. and Stauber, B. R.: The Farm real estate situation, 1929-30. For Cir.

The following articles have been approved for publication in the periodicals named:

- Bean, L. H.: Book review: The Farm Export Debenture Plan, by J. S. Davis. For Jour. Amer. Statistical Association.
Edwards, B.: Economics of motor truck transportation. For Commercial Car Journal.
Englund, Eric: Why farmers want tax relief. For Country Gentleman.
Galpin, C. J.: The Boys and girls 4-H Club work as an educational discipline. For Rural Education Yearbook.
Gibbons, C. E.: Standards as a basis for the federal market news service on farm products. For Commercial Standards Monthly.
Hultgren, T.: Biological note on Jay Cooke. For Encyclopedia of Social Science.
Meloy, G. S.: Tests of mattress felts made of standard grades of American cotton linters. For Textile Wastes.
Potts, R. C.: What the figures say of dairy conditions. For Dairy Tribune.
Wall, N. J.: The Price level and its relation to business. For Trade Winds.

HERE AND THERE.

Mr. Olsen left Washington Monday night for Chicago and expects to be absent for about ten days. Today, October 7, he plans to meet with a group of poultry packers and distributors in Chicago who have been attending the National Poultry, Butter and Egg Association Convention and who are particularly interested in the tentative grades for dressed poultry. It is expected that at this meeting there will be a full discussion of the specifications of these grades and particularly of the use of grade names.

Mr. Kitchen will give a talk before a meeting of the Iowa Fruit Jobbers Association, October 14, at Des Moines, on the subject of "The New Perishable Agricultural Commodities Act."

Mr. Olsen has accepted the invitation of Dr. E. H. Shinn of the Office of Cooperative Extension Work, to take part in the joint program of the Resident Teaching Section of the Association of Land Grant Colleges and Universities and the American Association for the Advancement of Agricultural Teaching during their meeting in Washington, November 17-19. Mr. Olsen has been asked to discuss the subject, "The Federal and State Program of Agricultural Education in Relation to the Agricultural Situation."

Roy C. Potts and Gordon W. Sprague, Division of Dairy and Poultry Products, are in Chicago attending the National Poultry, Butter and Egg Association Convention, in session October 5-7.

H. S. Yohe, In Charge, Warehouse Division, left Washington October 6 for Chicago, Ill., Minneapolis, Minn., Indianapolis, Ind., Omaha, Nebr., Rapid City, S. D., Twin Falls, Ida., Spokane, Wash., Portland, Oreg., Grand Junction, Colo., and Wichita, Kans., to review the work of those offices under the Warehouse Act.

Sympathy is extended by the Washington offices to Miss Frances Doss, of the Atlanta, Ga., office, Division of Cotton Marketing, in the recent death of her father, J. P. Doss, of Astor, Fla. Mr. Doss was a well known citizen in his section. He settled in Astor in 1884 and since that time until his death had supervision of the Astor estate, comprising about 18,000 acres of land on the St. Johns river.

Miss Carol S. Piper reported as Senior Clerk-Stenographer, October 1, in the Foreign Agricultural Service Division. She will serve as Secretary to Mr. Hobson, Chief of that Division. Miss Piper is a graduate of Wellesley College, has specialized in languages, and is equipped to interpret and translate in French and German. She came to the Bureau from the Treasury Department.

News notes from the London office are contributed by Mr. Foley, as follows: F. A. Motz, of the London office, is at present in Liverpool with W. W. Aldrich, Bureau of Plant Industry, in connection with fruit tests carried out on the S. S. Britannica. Dr. E. C. Auchter and Knowles A. Ryerson of the Bureau of Plant Industry are at present in Palermo, Sicily, and expect to return to London around October 1. Dr. John B. Hutson, Tobacco Specialist, has arrived in London and started his work at this office. Dr. Mordecai Ezekiel has arrived in London and started his studies here. T. Pearson Henderson of the Bureau of Commerce, State of California, has left London for Hamburg, Germany. Among other visitors to the London office this week (Sept. 23) are Miss Anna DeWees of the Bureau, and Edwin Smith, formerly attached to the London office.

Dr. W. Seedorf, head of the Institute for Farm Management and Agricultural Labor Studies at the University of Göttingen, Hanover, Germany, recently completed a visit in the Bureau. He sailed for Germany on the S. S. Europa, October 4. Dr. Seedorf spent eight months in this country, during which he attended the International Conference of Agricultural Economists at Cornell and visited the major agricultural areas. His chief interest was in agricultural labor, farm management, agricultural economics, and rural sociology.

Miss Annie H. Alves, in charge of the bookkeeping section, Audits and Accounts, is on vacation at Atlantic City for a week or ten days. Miss Rosalie Willis, Estimates and Special Reports Project, has motored to her home in Alabama for three weeks' vacation.

The new address of the Mobile, Ala., office of the Division of Cotton Marketing is 64½ N. Commerce St.

THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

U. S. Department of Agriculture

Vol. 23 No. 16

October 14, 1930.

GRADE NAMES OF DRESSED POULTRY ARE CHANGED.

Changes in the terminology of the Bureau's tentative standard grades for dressed poultry have been made as the result of a conference in Chicago, October 7, between Mr. Olsen, Roy C. Potts, and representatives of poultry packers, dealers, and retailers.

The new grade names are: U. S. Special, U. S. Prime, U. S. Choice, and U. S. Commercial. U. S. Special corresponds to the previous grade of U. S. Prime; U. S. Prime, to the previous grade of U. S. Choice; U. S. Choice, to the previous grade of U. S. Medium, and U. S. Commercial, to the previous grade of U. S. Common.

The changed terminology will become effective October 16. Bureau officials believe that the designations are better descriptive of differences in quality between grades than the names previously in use, and therefore will be more generally satisfactory.

STOCKYARDS COMPANY OFFERS INNOVATION IN PRESENTING MARKET NEWS.

The projecting of livestock market news on a screen by means of a stereopticon is the latest method of presenting market information. This new method was very recently adopted by the Omaha Union Stockyards Company for traders on the Livestock Exchange, after four years of experimenting by officials of that company with various methods of improving the old system of chalking up market news on a blackboard. At its inauguration, the onlookers were entertained with pictures of old familiar stockyard scenes and faces.

The novelty of an illuminated livestock market news board in the lobby of the Omaha Livestock Exchange Building has held a good crowd since its installation, according to Charles Bruce, in charge of the Omaha office of the Division of Livestock, Meats and Wool. Before the acceptance of the new board, Mr. Bruce, whose office furnishes all the market information that the Stockyards Company uses, was called in for consultation.

The Union Stockyards Company has stood the entire expense of the new board and will pay for its maintenance.

Mr. Bruce reports that the installation consists of three steel cabinets set side by side, each housing two ordinary projectors. Reports shown are typewritten on cellophane which is then fastened between two pieces of glass and placed in the projector, just as slides are used in motion picture houses. Light from the stereopticon is projected vertically or straight up against a mirror set at such an angle that it reflects the desired image horizontally against an ordinary pane of photographic ground glass, such as is found in cameras. Tests showed the image thus obtained to be clear and large enough to be read almost half way across the lobby.

BUREAU EXTENDS LEASED WIRE
SERVICE TO FARGO, N. D.

The Bureau plans to extend the northwestern circuit of the leased wire from Minneapolis to Fargo, N. D., on or about October 20. The extension has been made possible by an increase in funds made available in the 1931 appropriation act.

Through a cooperative arrangement with the North Dakota College of Agriculture reports from all the principal markets in the country, on the important agricultural commodities, will be made available to the farmers of North Dakota. The College has appointed O. M. Fuller as market information specialist. Mr. Fuller will receive the telegraphic information, condense it, and interpret it for the State. The information will then be disseminated through press releases, radio, and mimeographed reports to all sections of the State.

The North Dakota Agricultural College has been issuing monthly Outlook statements for the last five years. These statements will be continued, but will be supplemented with more timely statements as to markets, made possible by the daily market news reports.

With the inclusion of Fargo, N. D., the northwestern circuit of the leased wire service now extends from Chicago, Ill., to Stevens Point and Waupaca, Wis., St. Paul and Minneapolis, Minn., and Fargo, N. D.

SECRETARY ISSUES FINDINGS IN FOUR
VIOLATIONS OF GRAIN STANDARDS ACT.

Recent hearings have been afforded four grain firms because of violations of section 5 of the U. S. Grain Standards Act. The cases involved 28 carloads of grain. Three of the firms concerned are located in Nashville, Tenn.; one firm operates in Gibson City, Ill. After consideration of the evidence presented at the hearings, Secretary Hyde determined his findings in the four cases, which were signed respectively on August 19, September 29, September 23, and September 20.

The findings in respect to two of the Nashville firms stated in substance, first, that certain sacked grain sold and labeled as white oats and feed oats was not such, but a sulphur bleached mixture of white oats, barley and substances other than oats; second, that the companies impliedly represented that certain lots of such oats mixtures were natural and unbleached in that they did not disclose that the grain had been treated and bleached with sulphurous acid, when they had a duty to declare the fact; third, that pursuant to contracts for the sale and shipment of various lots of oats to be of the grade No. 3 White, the companies shipped certain carlots of sacked oats and represented by means of their invoices that the oats were No. 3 White, whereas the said grain was inspected and graded at Nashville as "No. 3 White Cereal" by an inspector licensed under the grain standards Act.

The Secretary found that the third Nashville firm likewise represented certain oats to be No. 3 White, when the grain had been inspected and graded at Nashville upon delivery for shipment as No. 3 White Cereal, and in addition stated that the company represented certain lots of oats and corn to be of the grade No. 2 White, whereas the said lots of oats and corn were inspected and graded at Nashville by inspectors licensed under the grain

standards Act and found by them to be of lower grades.

The company at Gibsen City, Ill., through its manager, shipped four cars of corn in interstate commerce and, according to the findings, loaded the grain into the cars in such a way that the large mass of grain in the upper part of each car was good sound corn, while a layer of badly damaged corn was in the bottom of each car. It developed that the bottom portions could not be reached in the manner of probing ordinarily used by grain inspectors so that the licensed inspectors who graded the grain, by the exercise of ordinary diligence were unable to correctly grade the carlots. The incorrect grading was encountered at four separate markets to which the grain moved.

RESOLUTION POINTS TO NEED FOR LAND

UTILIZATION STUDIES IN NORTH CAROLINA.

A resolution, asking the Division of Land Economics to initiate one or more land utilization studies in North Carolina, was adopted by the North Carolina Forestry Association at its annual convention in North Wilkesboro, September 9, 10, and 11. The resolution reads:

"Whereas, We feel the need of one or more regional land utilization studies in the State, therefore be it

"Resolved, That the North Carolina Forestry Association and the proper State agencies unite with the State Agricultural Experiment Station in inviting the Division of Land Economics of the Bureau of Agricultural Economics of the U. S. Department of Agriculture, to initiate such studies, and that this organization give its fullest cooperation if such studies are undertaken."

In acknowledging receipt of the resolution the division has advised the North Carolina Forestry Association that it is fully aware of the magnitude of this problem in North Carolina, as well as in other southeastern States, and that whenever it is possible to do so, it will plan to develop land utilization studies in the Coastal Plain Section of North Carolina.

TWO WEEKS' GRAIN GRADING

COURSE BEING GIVEN IN IOWA.

The Grain Division, in cooperation with the Extension Service of the Iowa State College, the Western Grain Dealers Association, and the Farmers Elevator Association, is conducting a two weeks' course in grain grading at ten places in Iowa, beginning October 13 and ending October 24. The Educational Committee of the Grain Division is giving grain grading instruction for the purpose of bringing the benefits of the standards to producers and handlers, and to bring about a more efficient administration of the United States grain standards Act. W. B. Combs, G. A. Dabinett, and G. F. Binderim will represent this Bureau.

Ways of harvesting and handling grain for better grades in the terminals will be discussed. Local crop conditions and grading problems will be considered through samples brought in by local growers and dealers, or picked up in the terminals from Iowa shipments.

There is a decided demand for a wider use of grain grading facilities, especially at this time, because local grain shortages are causing unusual grain movements. Plans have been made for similar work in other grain producing States during the coming year.

WAREHOUSEMEN FINANCE TOBACCO GRADING
DEMONSTRATION FOR NORTH CAROLINA FARMERS.

Farmers were given an excellent demonstration of the tobacco grading service at Tarboro, N.C., on October 7. Through cooperation of the warehousemen all tobacco on the floors that day was graded by the Federal graders at the expense of the warehousemen. While the sale was in progress growers were supplied with mimeograph copies of the price report for the previous week, showing the average price for each grade in comparison with the season average and the average for the previous year. The floors were dotted with farmers, singly and in groups, checking prices on their piles of tobacco against those shown in the report. Chas. E. Gage, In Charge of the Tobacco Section, and E. D. McDowell, Supervising Inspector, were present to assist J. H. Green, Tobacco Grader.

The experiment was so successful that it will be repeated at other markets.

BUREAU NOON HOUR RADIO
BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:50 to 1:00 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning October 20:

October 20, 12:55 p.m., F. J. Hosking, The Feed Situation

October 21, 1:00 p.m., W. A. Shorman, Changes in Truck Crop
Production

October 22, 12:55 p.m., G. A. Collier, October Grain Markets.

BUREAU BREVITIES.

EFFECTIVENESS OF PRESENTING STANDARDS THROUGH PHOTOGRAPHS is demonstrated in the following letter from J. C. McLean, County Club Leader, Quincy, Ill., who was furnished photographs of the U. S. grades for slaughter lambs by the Division of Livestock, Meats and Wool: "The 4-H Club team that used these charts won the county contest with their demonstration and took the demonstration to the State fair where they won first in their district. Since the State fair they have put the demonstration on at some of the local community meetings."

"HEARTFELT THANKS for the work that the Department of Agriculture is doing in disseminating information relative to the broomcorn situation and its various ramifications" are expressed in a recent letter from the Eastern Broom Manufacturers and Supply Dealers Association, Inc., Brooklyn, N. Y. This expression of appreciation and the additional statement that "We sincerely trust the Department will find it possible to continue this service along with the others which it is rendering, in the interest of good business" brings gratifying assurance of useful work to two units of the Bureau. The Hay, Feed and Seed Division is responsible for the market news reports on broomcorn and the Division of Crop and Livestock Estimates, for the production estimates on this crop.

U. S. STANDARDS (1930) have been issued by the Division of Fruits and Vegetables for Juice Grapes, Bunched Carrots, and Lettuce.

BUREAU BREVITIES - Continued.

THE RANGE CATTLE INDUSTRY is a new book by Edward Everett Dale, just published by the University of Oklahoma Press. Work on this volume was begun in 1924 under the direction of this Bureau. In the preface the author acknowledges his indebtedness to officials of the Bureau, "who," he says, "in the first place made the study possible, and whose co-operation and constructive criticism have been invaluable." Mr. Dale adds: "Thanks are especially due to the present Bureau Chief, Mr. Nils A. Olsen, and to Dr. O. C. Stine in charge of the Division of Statistical and Historical Research."

A SCOTCH AGRICULTURIST, J. S. King, of the Department of Agriculture for Scotland, Edinburgh, recently a visitor in the Bureau, has written Dr. C. J. Galpin: "Indeed I was much impressed with the very great value of the work I was privileged to see in the Bureau generally; I could well have spent much longer time with you and your colleagues in studying your work and methods. As you will have gathered, your particular viewpoint interests me deeply and is parallel with my own trend of thought."

NEVER TRY TO REVISE OR IMPROVE UPON THE CALENDAR! Recently D. A. McCandliss, Senior Agricultural Statistician for Mississippi, while engaged in official travel, decided that Thursday was Friday; that Friday was Saturday; and finally that Saturday was Sunday. Having settled that last affair he hung a "Don't Disturb" sign on his door and slept. As the hours wore on Mr. McCandliss' conscience smote him and to ease the pain he went to church, only to find it locked. Thinking that he knew of one out in the country that had not gone out of business he drove out there and found that one locked. Finally an old colored man informed him it was Saturday. But the day was hopelessly ruined, and here comes the real story. Mr. McCandliss made up his mind to travel on Sunday and pick up his itinerary. What he picked up was 14 nails and a lot of other trouble, which brings us back to our first statement: don't monkey with the calendar.

A COTTON EXHIBIT, showing cotton fabrics used in road construction, was placed by the Division of Cotton Marketing before the Sixth International Road Congress, in session last week at the Washington Auditorium. The small exhibit consisted of three items: an open mesh cotton fabric used in bituminous surface roads; a cotton fabric used for curing concrete; cotton fabrics used for road markets (stop signs, etc.).

ONE OF THE MOST ENCOURAGING REPORTS ever received by the Tobacco Section has just been made on its grading service. The Imperial Tobacco Company detailed one of their best men to make a thorough study of the Federal standard grades and the grading work being performed in South Carolina. This man spent two weeks visiting all the receiving stations and observing the quality of work performed, after which he met F. B. Wilkinson and made the statement that he never would have believed it possible for tobacco to be so uniformly graded.

RECENT MARKET SUMMARIES of the season 1929-30, issued by the Division of Fruits and Vegetables, include: Marketing Colorado Onions and Marketing Colorado, Nebraska and Wyoming Potatoes, both by Wendell Calhoun.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending October 10, are:

Baughman, Charles E. Farm accounting and agricultural economics. Austin, Texas. 1930. 182p. 30.6 B32

Berglund, Abraham. Labor in the industrial South; a survey of wages and living conditions in three major industries of the new industrial South, by Abraham Berglund... George T. Starnes... Frank T. de Vyver... University, Va., The Institute for research in the social sciences, 1930. 176p. (University of Virginia. Institute for research in the social sciences. Institute monograph, no.9) 280.9 V81

Cormack, Alexander A. Teinds and agriculture; an historical survey. London, Oxford university press, H. Milford, 1930. 206p. 284.5 C81

Crisolli, Karl August. Reform der landpacht. Berlin, G. Stilke, 1930. 151p. 282 C864

Czechoslovak Republic. Statni urad statisticky. Industrie meuniere dans la Republique Tchecoslovaque pendant la campagne 1923/24. Prague, 1926. 14p. ([Ceskoslovenska statistika] La statistique Tchecoslovaque. 33.v., 12.ser. (Statistique agricole, 3e livr.) French and Czechoslovakian. 266.8 St1In

Ezekiel, Mordecai. Methods of correlation analysis. New York, J. Wiley & sons, Inc. [etc. etc.] 1930. 427p. 325 Ez3

Felton, Ralph A. What's right with the rural church. Philadelphia, Presbyterian board of Christian education, 1930. 150p. 281.2 F34W

Hamburger, Lodewijk. The variability of prices... by dr. Lodewijk Hamburger... The Hague, N.V. de Amstel, 1929. v.1-2, Pt.A. Vol.1 in Dutch. Library has only English summary of 16p. 284.3 H17

Madgearu, Virgil N. Rumania's new economic policy. London, P.S. King & son, ltd., 1930. 63p. 280 M26

Menzel, Bernhard, Die sozialen lasten der deutschen landwirtschaft, von dr. Bernhard Menzel... Greifswald, L. Bamberg, 1930. 93p. 281 M52.

Moore, Henry Ludwell. Synthetic economics. New York, The Macmillan company, 1929. 186p. 280 M78S

Mudgett, Bruce D. Statistical tables and graphs. Boston, New York [etc.] Houghton Mifflin company [c1930] 194p. 251 M88

New York stock exchange. Report of the president, May 1st, 1929 to May 1st, 1930. [New York, 1930] 112p. 284.9 N482.

Rivas Vicuna, Francisco. El porvenir agricola de Chile. Introduccion al curso de economia rural de la Universidad Catolica. San Isidro, Imprenta "El Globo," 1930. 50p. (De la Revista universitaria n. °3. junio de 1930.) 281 R52

HERE AND THERE.

Mr. Englund was away from Washington on official business from Wednesday to Saturday, inclusive, last week. He went to New York City to go over the Bureau's cooperative work with the Port of New York Authority through the New York Food Research Council. Earl R. French, Research Agent of the Bureau, is Executive Secretary of the Council. Mr. Englund also went to Boston and reviewed the work under Frederick V. Waugh, Agricultural Statistician of the Bureau in New England and Executive Secretary of the New England Research Council. While in Boston Mr. Englund also met with other Bureau representatives in regard to the market news service.

W. F. Callander, In Charge, and S. A. Jones, Division of Crop and Livestock Estimates, have recently returned from a trip through Arkansas, Oklahoma, Texas and Louisiana. They covered about 5,000 miles in the cotton territory, making boll counts every 10 miles throughout the entire route.

Asher Hobson, In Charge, Foreign Agricultural Service Division, is leaving Washington today for points in Arizona where he will interview State officials and others in regard to expanding the foreign agricultural service.

The Grain Division has recently consolidated its laboratory work in the building at 221 Linworth Place, S. W. In bringing this work together, J. H. Cox and his staff of three assistants have moved from the fourth floor of the Bieber Building to the fourth floor of the Linworth Place building.

E. J. Working, Carlos Campbell, and a staff of ten clerks, Division of Statistical and Historical Research, have moved from the third floor of the F Building to quarters over the Cornell Cafeteria, at 205 Linworth Place, S. W. A gangway has been constructed connecting the third floor of the Bieber Building with the offices at 205 Linworth Place.

A. S. Mason, Fruit and Vegetable Inspector assigned to the Pittsburgh office of the Division of Fruits and Vegetables, fortunately escaped serious injury when an explosion occurred recently in the A. & P. Warehouse in that city. Mr. Mason was on the second floor of the warehouse, about 75 feet from where the explosion occurred. Although he was knocked off his feet against a warehouse truck of potatoes and was unconscious for several minutes, he reports that the extent of his injuries appear to be no worse than a bruised side and sore throat and lungs on account of the ammonia fumes that he inhaled. M. L. Henry, who was right at the spot where the explosion took place, is now in the hospital recovering from burns and cuts. Two other former employees of this Bureau, M. L. Benn and Paul Barnes, were on the first floor of the building and escaped unhurt.

Preston Richards, who has been serving as an instructor in the University of Missouri, has been appointed an Assistant Agricultural Statistician to succeed J. B. Gibbs, of the Missouri office of the Division of Crop and Livestock Estimates. As reported in the B. A. E. News of October 7, Mr. Gibbs will shortly go to Belgrade, Yugo-Slavia, to become assistant to Louis G. Michael, now in charge of the foreign activities in the Danube Basin. Mr. Richards holds the degrees of B.S. and M.A. from the University of Missouri and has completed one year's work towards a doctor's degree.

Leased wire service will be resumed November 1 to San Antonio, Tex., Jacksonville, Fla., Jackson, Miss., and New Orleans, La.

Dr. Robert W. Webb, Division of Cotton Marketing, will attend a meeting of the American Society for Testing Materials at Boston, Mass., October 16-17. Dr. Webb is a member of six committees of the Society, namely, on Raw Cotton, Yarns and Thread, Methods, Machines, Humidity, and Moisture.

Floyd K. Reed, Division of Crop and Livestock Estimates, has been transferred to Kansas to succeed E. C. Paxton, who will be sent to Sidney, Australia, as a representative of the Foreign Agricultural Service Division. Mr. Reed was formerly Assistant Statistician in the Nebraska office and for the last three years has been Associate Agricultural Statistician in Washington with C. L. Harlan, Senior Agricultural Statistician for Livestock. Mr. Reed holds a B. S. degree from the University of Nebraska and an M. S. degree from the American University.

Washington friends sympathize most heartily with W. H. Holliday, Supervisor, Administration of the U. S. Warehouse Act, Omaha, Nebr., who has been ill with erysipelas for more than a week. Mr. Holliday's condition has been reported by H. S. Yohe, In Charge of the Warehouse Division, who is now in the field.

A meeting of the Library staff of the Department will be held this afternoon, October 14, at 4:30, in the reading room of the main Library. Talks on the American Library Association Meeting will be given by Miss Lacy, Miss Hawks, Miss Beckwith and Miss Feldkamp.

C. F. Clayton, Division of Land Economics, will be on vacation from October 20 to November 13. He will motor with his family to Richland, La., to visit relatives.

While in Cleveland, Ohio, on November 3, in connection with inspection matters, F. G. Robb, Division of Fruits and Vegetables, will address the Cleveland branch of the National League of Commission Merchants on the subject of "The Perishable Agricultural Commodities Act."

Lawrence Myers, Division of Statistical and Historical Research, and C. F. Sarle, Farm Board, attended two meetings in Alabama recently. On October 4 they took part in a meeting with the Extension force and college staff, at Auburn, on the general outlook for the southern States and the cotton situation; on October 6 they took part at a cotton acreage reduction meeting called by the Governor and attended by agricultural workers, bankers and farmers, at Montgomery.

Dr. Clarence I. Hendrickson, who resigned from the Division of Land Economics last June in order to complete unfinished projects at Connecticut Agricultural College, has been reappointed as Senior Agricultural Economist in the same division. He has resumed work on the special land appraisal project in the lower Mississippi Valley which the Bureau is conducting at the request of the War Department in connection with a proposed flood relief program.

G. S. Ray, Agricultural Statistician for Ohio, participated in the hold-up of a drug store in Columbus October 4. That is to say, one bandit held a gun against his ribs as an inducement for him to keep quiet while another bandit discussed matters with the cashier. While it may have been merely a coincidence, Mr. Ray came to Washington almost immediately after the foregoing incident, and, we understand, will probably leave the country before very long.

Field Statisticians in Washington for the October 8 cotton report, were: D. A. McCandliss, Mississippi; K. D. Blood, Oklahoma; Frank Parker, North Carolina. Those who assisted with the general crop report of October 10, were: E. E. Kaufman, California; H. L. Collins, Colorado; V. H. Church, Michigan.

THE BUREAU NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS, 1919
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

October 21, 1930.

Vol. 23, No. 17.

ECONOMIC EXTENSION IS SUBJECT AT WEEKLY EXTENSION MEETING.

Economics in both its research and extension phases was the subject of discussion by Dr. C. B. Smith, Chief, Office of Cooperative Extension Work, and Eric Englund, Assistant Chief, Bureau of Agricultural Economics, at the weekly extension conference held October 15 in the extension conference room, 220-14th Street. "We have been moving forward very rapidly the last five years in our economic extension work," said Dr. Smith. "Hardly anyone, anywhere, now institutes an extension program without first assembling the facts, getting an economic background first and building on that. Factors that have contributed to present-day interest in economic extension have been the outstanding success of farm management extension work in a number of States; the agricultural outlook and intentions to plant and to breed idea; the sustained interest of the public in cooperative marketing and buying; the development of the agricultural outlook; and climaxing it all, the appropriation by the last Congress of \$58,000 to the Federal Extension Service and \$1,000,000 to the States, nearly one-half of which was to be used for the employment of economic extension men the current year. As a result, the economic extension staff of the States has increased from around 134 full or part time workers in all economics to 225 at the present time, or an increase of 90 during the current year," stated Dr. Smith.

He added: "Economic extension stands in the forefront of extension interest today. For the first time in the history of extension, we have had or are about to have an economic extension conference of all economic workers in each one of the four regions of the country. Three of these have already been held at which Department and State men in research and extension took stock of their economic knowledge and developed an agricultural outlook and policy for the region."

"To find and explain the truth is the problem of the research worker and to translate this truth into action is the problem of the extension man," said Mr. Englund. "The extension man can be of great assistance to the research man in telling him of the practical economic problems encountered in the field. Mr. Englund warned against the giving over entirely fundamental research for investigations made in response to sporadic demands for the solution of immediate, but not always important problems. He, also, urged that the research worker be allowed to work on his problems without being seriously interrupted by other assignments or activities. "He should be given the opportunity," said Mr. Englund, "to struggle with his problem, dig deep into it and formulate fundamental principles." Mr. Englund expressed his satisfaction at the expanding program for economic extension outlined by Dr. Smith. This development he said would do much to release economic research workers of the necessity of devoting too much of their effort to the extension of economic information and would enable them to concentrate more on research problems. However, he suggested the desirability of giving suf-

ficient extension contact to the research worker to refresh his outlook and keep in his mind the practical problem toward the solution of which his efforts were being directed. Mr. Englund discussed the research projects now under way in the Bureau and told how some of the regional projects are worked out in cooperation with the economic staffs at the State colleges.

BEAN INSPECTION AND MARKET NEWS
OFFICE ESTABLISHED IN MICHIGAN.

The development of the bean standardization and inspection work and bean market news service of the Bureau has necessitated the establishment of a branch office in Michigan, one of the most important bean producing States. This office will be located at Lansing and will be in charge of Howard Kittle, who has recently joined the Bureau's staff of commodity marketing specialists.

Mr. Kittle, who is a graduate of the Michigan State College, served two years as Secretary of the Michigan Bean Jobbers' Association and for three years was connected with one of the largest bean jobbers in the country. He is now in Washington conferring with members of the Hay, Feed and Seed Division in order to acquaint himself with the bean standardization and inspection work and bean market news service of the Bureau and to make plans for organizing the work of the new branch office.

There is a growing demand for Federal inspection of beans produced in Michigan and this office will serve as a nucleus for organizing this service in the State. For the time being inspections probably will be made only at Lansing and at nearby points. The service will be extended to other shipping points in the State as the demand develops, inspectors at these points being under the supervision of the Lansing office. The opening of this office will also expedite the conduct of research work on the standardization and marketing of beans.

The Lansing office will be an important link in perfecting the organization of the bean market news service. Information on supply, price, quality, movement, etc., of Michigan beans will be obtained, such information being incorporated in the weekly bean reports and special reviews issued by the Washington office and disseminated through various branches.

RESEARCH COUNCIL ON MARKETING AND FOOD
SUPPLY TO HOLD ANNUAL CONFERENCE.

The tentative program of the annual meeting of the New England Research Council on Marketing and Food Supply, to be held in Boston, Mass., November 6 and 7, carries the names of three Bureau men. Mr. Olsen is listed for a talk (title not given) on the 7th; Dr. Emil Rauchenstein, for a discussion of the question "On what phases of the New England dairy research program could the U. S. Bureau of Agricultural Economics cooperate," November 6; W. F. Callander, for a discussion of the subject, "Recent Developments in Crop Estimating," November 7.

Frederick V. Waugh, Executive Secretary of the Council and representing this Bureau as Statistician for the New England States, has indicated that certain recommendations for the improvement and expansion of crop statistics in New England will be made at the meeting.

ATLANTA OUTLOOK CONFERENCE TO CONSIDER
SOUTHERN AGRICULTURAL ADJUSTMENT.

The adjustment of southern agriculture to meet the present and prospective situation will be the subject of a Regional Outlook Conference to be held at Atlanta, Georgia, November 10 to 14, at which representatives of the extension services and agricultural colleges of the thirteen States, this Bureau, the Department Extension Service, the Federal Farm Board, and other Government institutions will be present.

Committees of commodity specialists for the southern States are assembling material bearing upon each of the fifteen more important cash crops of the South, including cotton, to be considered at this meeting. This Bureau is bringing together facts on the world-wide situation in cotton consumption and production, and also data on the market outlook for other crops grown in the South.

Following this conference of specialists to analyze the facts, a series of public meetings will be held by the extension services in the several States, and in cooperation with the Federal Farm Board.

BUREAU MEN GET NORTHWEST POTATO
COMMITTEE WORK UNDER WAY.

W. A. Sherman and A. E. Mercker returned to the Bureau Monday after completing five weeks' travel in the West for the purpose of promoting the work of the recently organized Pacific Northwest Potato Committee. This committee is sponsored by the extension services of the States of Idaho, Washington and Montana in cooperation with the Office of Cooperative Extension Service of this Department and the Bureau of Agricultural Economics, and was organized with the view of evolving a regional plan for teaching potato growers and dealers to properly use the economic information furnished by this Bureau. Messrs. Sherman and Mercker spent considerable time with H. E. Drobish, who has been made Secretary of the new committee, and acquainted him with the work of the Interstate Early Potato Committee as it is conducted in the southeastern part of the United States.

To further the work in the Pacific Northwest the group arranged meetings with the extension officials of the States of Washington, Oregon, Montana and Idaho and with growers, dealers and bankers in the States of Washington and Idaho. Committees on acreage, finance, and marketing were organized in Washington and possible members of similar committees were interviewed at a later date in Idaho. Messrs. Sherman, Mercker and Drobish covered practically the whole of the potato producing areas of Idaho and the Yakima Valley of Washington.

BUREAU NOON HOUR RADIO
BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:50 to 1:10 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning October 27:

October 27, 12:55 p.m., Roy C. Potts, October Poultry Markets

October 29, 12:55 p.m., L. M. Davis, October Dairy Markets

1:00 p.m., C. V. Whalin, October Cattle Markets

ALFALFA MEAL STANDARDS
TO BE DEVELOPED.

To meet a recent demand, particularly on the part of agricultural and commercial interests in the West, the Division of Hay, Feed and Seed is taking steps to develop standards for alfalfa meal. W. H. Hosterman of the division left Washington on October 19 and will spend about two months in the field collecting samples of alfalfa meal and interviewing the alfalfa meal millers and operators of feed mixing plants. The samples and information collected will be used in the development of the standards.

Mr. Hosterman will spend most of the time in the Arkansas Valley of Colorado, Platte Valley of Nebraska, Yakima Valley of Washington and the Sacramento Valley of California, because many of the alfalfa mills are located in these valleys. He will also visit several alfalfa chopping plants and interview the operators of these plants. Chopped alfalfa is being baled and shipped to market as alfalfa feed, which takes a lower freight rate than long hay because of the larger tonnage that can be placed in a car. This is a new method of merchandising alfalfa that has been developed in the last few years.

APPLICATIONS POUR IN FOR LICENSES UNDER
PERISHABLE AGRICULTURAL COMMODITIES ACT.

Over 3,000 applications for licenses under the Perishable Agricultural Commodities Act of 1930 have been received and almost that many licenses have been issued. It is expected that applications will come in much faster from now on, for the trade has only until December 10 to take out licenses. It is expected that between 25,000 and 30,000 will be issued. This means that there will be a grand rush during the last few weeks before December 10. It is probable that temporary help will have to be employed to assist with this work.

TON OF MIMEOGRAPH PAPER;
THOUSANDS OF CROP REPORTS.

It takes a ton of paper to meet the demand for the mimeographed copies of the monthly crop report. Although the lists of those receiving this report is regularly purged, the number of persons requesting it has steadily increased. At this time about 3,000 copies are distributed. Each report is from 40 to 45 pages in length. It takes three mimeograph operators about five or six hours to handle the bulk of this work. Four typists cut all the stencils.

BUREAU BREVITIES.

ECONOMIC STATUS OF DRAINAGE DISTRICTS IN THE SOUTH, IN 1926, is the title of Tech. Bul. 194, by R. D. Marsden of Public Roads and R. P. Teele, formerly of this Bureau. According to the footnote, the study on which the bulletin is based was planned, the data were collected and tabulated, and the general scope of the report was determined by the authors jointly, but the death of Mr. Teele prevented his participation in the final organization of the material and discussion of the findings.

BUREAU BREVITIES - Continued.

FARM BULK STORAGE FOR SMALL GRAINS, Farmers Bulletin 1636, explains the losses due to faulty construction of farm storages, suggests better building methods, and presents designs for several types of storage for small grains adapted to wheat-belt conditions. The authors are M. A. R. Kelley of Public Roads and E. G. Boerner of this Bureau.

TRANSPORTATION OF FARM PRODUCTS, a paper prepared by Miss Caroline B. Sherman for presentation at the Inter-American Conference on Agriculture, Forestry and Animal Industry, held in Washington, D. C., September 8-20, 1930, has been mimeographed and copies are available for distribution.

THE TOBACCO GRADING SERVICE is a multigraphed statement which discusses such questions as what the service is, how it operates, how it benefits the growers, etc.

RECENT MARKET SUMMARIES FOR THE SEASON 1929-30, issued by the Division of Fruits and Vegetables, are: Marketing Michigan Potatoes, in co-operation with the Michigan Department of Agriculture, by R. H. Shoemaker; Marketing Western New York Cabbage, in cooperation with the New York State Department of Agriculture and Markets, by J. P. Klein and A. L. Thomas; Marketing Idaho Potatoes, by L. C. Tate; Marketing Michigan Onions, in co-operation with the Michigan Department of Agriculture, by R. H. Shoemaker; Marketing Maine Potatoes, in cooperation with the Maine Division of Markets, by H. E. Rutland.

GRADES FOR THE FOLLOWING CANNED VEGETABLES have been issued by the Warehouse Division, and copies may be obtained in multigraphed form from the Division of Economic Information: For canned whole grain, effective August 1, 1930; for canned corn, cream style, effective August 1, 1930; for canned peas, effective August 1, 1930; for canned tomatoes, effective September 1, 1930.

FOUR HUNDRED THOUSAND BUSHELS of wheat of the Farmers' National Grain Corporation, at the Norfolk and Western Elevator, Norfolk, Va., were treated recently for weevil with Ethylene Oxide and "Dry Ice." The mixture was made outside of the elevator and carried to the bin floor where it was mixed with the grain as it was running into the bin. John H. Cox of the Grain Division assisted with this work.

RULES AND REGULATIONS UNDER THE AGRICULTURAL COMMODITIES ACT are now available in printed form as Service and Regulatory Announcement 121. The text of the act is included in the publication and a six-paged departmental interpretation and construction of the act.

IN THE HOPE THAT THE BUREAU WOULD SEE FIT TO INAUGURATE THE BEEF GRADING service in Wichita, Kans., the Jacob Dold Packing Company, of that city, has been holding up plans for using a grading system of their own. The Division of Livestock, Meats and Wool expects to extend this service to Wichita before the end of the year, and has so advised the Dold Packing Company in reply to their recent inquiry.

THIS BUREAU "IS ON ITS TOES TO HELP THE FARMER and those interested in the success of the farmer to understand present and near-future agricultural conditions" says a recent press release of the Atlantic Coast Line Railroad Company about the Livestock and Livestock Feed Outlook. The statement goes on to say: "Well informed people are often able to protect themselves and can take advantage of opportunities as they arise while the less well informed individual is at a serious disadvantage. A great deal of information has recently been issued to the press by the Bureau, some of which we are using for the information of those who may not have received the information in some other form."

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending October 17, are:

Adermann, Woldemar. Die russische baumwollindustrie nach dem kriege... Berlin, Ost-Europa-Verlag, 1929. 117p. (Added t.-p.: Osteuropäische forschungen, im auftrage der Deutschen gesellschaft zum studium Osteuropas, hrsg. von Otto Hoetzsch. n.f., bd.5) 72 Ad3

National association of cotton manufacturers, Year book of the National association of cotton manufacturers, 1930. Boston, cl930. 247p. 72.9 N19

National child labor committee, New York. Child labor in agriculture and farm life in the Arkansas valley of Colorado based upon studies made during summer, fall, and winter, 1924 in cooperation with the National child labor committee, by Bertram H. Mautner and W. Lewis Abbott assisted by Harold W. Bell and Anne Bispham. [New York] National child labor committee, 1929. 158p. (Publication no.359) 283 N214

Pavlovsky, George. Agricultural Russia on the eve of the revolution, by George Pavlovsky... London, G. Routledge & sons, ltd., 1930. 340p. 281 P281

Rhyne, Jennings J. Some southern cotton mill workers and their villages. Chapel Hill, The University of North Carolina press, 1930. 214p. (University of North Carolina social study series) 281.2 R34

Sevenster, Ate. Het bevolkings-en emigratievraagstuk in Nederland en in den Nederlandschen landbouw... Wageningen, H. Veenman & Zonen, 1930. 139p. Proefschrift. Landbouw-hoogeschool. Wageningen. 281 Se8

Ukers, William H. Coffee merchandising... [2d edition] New York, The Tea and coffee trade journal co., 1930. 245p. 68.2 Uk36

U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Trade information bulletin no. 703. Australian canned fruit industry [by] E. C. Squire. Washington, U. S. Govt. print. off., 1930. 21p. 157.7 C76Dt

U. S. Bureau of foreign and domestic commerce. Trade promotion series no. 97. Handbook of foreign tariffs and import regulations on agricultural products. III. Canned foods in the western hemisphere, by Roberta P. Wakefield... and Robert S. Hollingshead... prepared under the direction of Henry Chalmers. Washington, U. S. Govt. print. off., 1930. 379p. 157.54 T67

U. S. Congress. House. Committee on flood control. Food control on the Mississippi River. Hearings... 71st. Cong. 2d. sess. on flood control on the Mississippi River. Hune 3 to 5, 9 to 14, 20 and 23, 1930. Washington, U. S. Govt. print. off., 1930. Pt.5. 290 Un33F

Vaile, Roland S. Market organization, an introductory course. by Roland S. Vaile and Peter L. Slagsvold... with a foreword by Dean R. A. Stevenson... New York, The Ronald press company [cl930] 498p. 280.3 V19

HERE AND THERE.

Dr. O. E. Baker, Division of Land Economics, will address the members of the economics departments of Amherst College, Smith College, Wesleyan University, Massachusetts Agricultural College and Mount Holyoke College, meeting in joint session at Mount Holyoke College, South Hadley, Massachusetts, on November 4, 1930. The subject of Dr. Baker's address will be "The Agricultural Significance of the Declining Birth Rate."

Miss Dorothy Nickerson, Division of Cotton Marketing, will attend the first day's session of a meeting of the Optical Society of America, to be held at the University of Virginia, Charlottesville, Va., October 30 and 31, and November 1. This society is the only organization in which color, light and vision are the chief interests, and attendance at the meeting will be of much benefit to Miss Nickerson in her color work because of the contacts she will make with persons similarly engaged.

V. H. White will report in Fargo, N. D., November 1, as Telegrapher to handle the market news leased wire service which the Bureau is furnishing the North Dakota Agricultural College under cooperative agreement.

That "'Grand' and glorious feeling" applies to Mr. Marquis. He is a grandfather and very proud of it. The fifth successive John in the Marquis family was born last Sunday.

L. M. Davis, Division of Dairy and Poultry Products, will attend the Dairy Industries Exposition at Cleveland, Ohio, to be held from October 20-25. By being present at this exposition he will have an opportunity to contact with representatives from many branches of the dairy industry, who will be in attendance at the exposition and at meetings of the International Milk Dealers Association, the International Association of Ice Cream Dealers, and the American Dry Milk Institute. There will also be in attendance representatives from the Dairy Trade Associations, the Dairy Council, and the dairy press.

Chas. L. Luedtke, Foreign Agricultural Service Division, is spending most of this week on a trip to Philadelphia, Pa., New York, N. Y., Boston and Holyoke, Mass., and Thompsonville, Conn., for the purpose of conferring with foreign wool buyers, importers, dealers, and woolen manufacturers concerning the utilization and demand for Argentine wools and their competition with domestic wools.

J. Barnard Gibbs will take a bride with him when he leaves this country for Belgrade, Yugo-Slavia, to become assistant to Louis G. Michael. Mr. Gibbs and Miss Mary Susan Estes of Columbia, Mo., were married last Saturday at 5:30 p.m., at St. Stephens Episcopal Church, this city. Members of the Foreign Agricultural Service Division and the Division of Crop and Livestock Estimates attended the wedding. D. F. Christie of the latter division acted as best man. Mr. and Mrs. Gibbs will sail from New York City, October 29, on the S. S. America for Hamburg, Germany. The rest of their journey to Belgrade will be made by train.

Bureau friends extend congratulations and best wishes for their happiness, and express the hope that they will enjoy many interesting experiences in their new surroundings.

George T. Willingmyre and J. W. Christie of the wool standardization and marketing investigations project, Division of Livestock, Meats and Wool, will place and demonstrate a large wool utilization exhibit at three western gatherings during the next two months. From October 25 to November 1 it will be shown at the Pacific International Livestock Show in Portland, Oreg., from November 12 to 14, at the Convention of the California Wool Growers Association in San Francisco, Calif., from November 29 to December 6, at the International Livestock Show in Chicago, Ill. This exhibit is the joint contribution of the Bureau and the sheep and wool industries. It was shown at both the Ohio State Exposition and the Eastern States Exposition last summer, where it attracted much favorable notice.

The Division of Crop and Livestock Estimates has word that H. A. Marks, Statistician for Florida, would enter a hospital for an operation on October 14, and remain there for about two weeks.

Much interest is felt in the Bureau in the coming marriage of L. J. Peet, Division of Land Economics, and Miss Vera K. Bristol, of Burlington, Vermont, on October 29. The ceremony will take place at Burlington, after which Mr. and Mrs. Peet will proceed on a honeymoon trip to Montreal, Canada. Mr. Peet is expected to return to the office on November 10. Friends join in wishing the couple much happiness.

R. S. Washburn, Division of Farm Management and Costs, left Washington Sunday on an official trip to certain points in Michigan, Iowa, Minnesota, Ohio and New York, for the purpose of obtaining from beekeepers and others information in connection with an economic study of the bee industry.

Warner M. Buck, Division of Livestock, Meats and Wool, plans to take an official trip beginning October 28. He will conduct wool grading schools at county agents meetings in Vernal, Utah, and Madison, Wis., and make arrangements for similar schools at Ft. Collins, Colo., and Laramie, Wyo., through conferences with university officials and wool growers at those points. Mr. Buck will join Mr. Willingmyre and Mr. Christie in Chicago and assist with the wool utilization display at the International Livestock Show, November 29-December 6.

George E. Gaus, Division of Cotton Marketing, is leaving Washington today for Savannah, Ga., where he will assist the Board of Cotton Examiners for about a month in the handling and classification of cotton.

Miss Virginia L. Bell, Head Clerk, Hay, Feed and Seed Division, left Washington by bus last Saturday for a week's vacation in New York City.

A Hallowe'en Party will be given by the Forest Service for the benefit of the Department Welfare Association, at 8.30 p.m., October 30, in the Swanee Ball Room, Earl Theatre, 13th and E Streets, N. W. There will be dancing, and tables will be available for those who wish to play cards. Prizes will be given for the most unique costumes. Tickets are 75 cents and may be bought at the ball room door, or from G. W. Morrison, 401 Bieber Building.

THE B. A. E. NEWS

OCT 31 1930

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

October 28, 1930.

Vol. 23, No. 18.

BUREAU SENDS SPECIALISTS TO STUDY CONDITIONS IN ARGENTINA AND JAPAN.

Further expansion of the Foreign Agricultural Service Division has been accomplished by the recent appointments of Glenn S. Ray as Agricultural Commissioner in Argentina; Charles L. Luedtke, Assistant Agricultural Commissioner in Argentina, and Fred Taylor, Principal Cotton Specialist in Japan.

Mr. Ray and Mr. Luedtke will sail from New York City October 31, on the S. S. Southern Cross, for Buenos Aires. Here they will establish headquarters to obtain information on crop and livestock production in Argentina, Uruguay, Brazil and Chile, and also information bearing on the competition of South American products with agricultural commodities of the United States in world markets. Mr. Ray has been connected with the crop estimating work since August, 1919, when he was put in charge of the Spokane, Washington, office. Since April, 1928, until his recent assignment to the foreign service, he has been Agricultural Statistician for Ohio, with headquarters at Columbus. Mr. Luedtke has been associated with the foreign work of the Bureau since 1920 as Specialist in Foreign Marketing and Associate Agricultural Economist.

Mr. Taylor was connected with cotton standardization in the Bureau for 7 years, between 1912 and 1919. For the last 11 years he has specialized in technological cotton work for commercial organizations, more particularly in tire fabric production. As Principal Cotton Specialist he will make a survey of the cotton manufacturing industry of Japan with special reference to the demand for American cotton and the competition of other growths with American cotton, in Japan.

COTTON LINTERS NOW INCLUDED IN MARKET NEWS SERVICE.

A market news service on cotton linters has been established by the Division of Cotton Marketing. The reports cover quotations at Atlanta, Charlotte, Memphis, New York, Little Rock and Dallas. They are released on Thursday of each week by the Washington office, the first report having been issued on October 16.

The quotations will be based upon the official standards for grade and character of linters developed in the Bureau as a result of studies by G. S. Meloy, Senior Marketing Specialist, and established by order of the Secretary of Agriculture, August 1, 1926, under authority of the U. S. Cotton Standards Act.

The quotations will cover the grades from No. 1 to No. 7, and also hull fiber. For western character linters, quotations f.o.b. New York and Dallas will be available; for Valley character, the quotations will be f.o.b. New York, Memphis, and Little Rock, and for southeastern character,

prices f.o.b. New York, Charlotte, and Atlanta.

Releases will be made to newspapers, trade journals, and to a special mailing list of persons interested. The division is now receiving requests to be placed on the mailing list.

BUREAU OUTLOOK COMMITTEES PREPARE
REPORTS FOR ATLANTA REGIONAL MEETING.

The Bureau is preparing an outlook report on a number of topics for the Southern Regional Outlook Conference, to be held at Atlanta, Ga., November 10-14. Bureau representatives will take with them to Atlanta a report on each of the topics to be considered at the meeting. These reports will each have been prepared in an effort to give as much of a southern emphasis as possible, although the Bureau will be responsible primarily for material on the national and international outlook.

Mr. Englund has asked the chairmen of the regular Outlook Committees to begin work on the reports for the Atlanta meeting and have them ready for consideration in a final conference in Washington next week.

UNCLE SAM'S GRADE LABEL TO APPEAR
ON MANY TURKEYS THIS SEASON.

During the past week the Division of Dairy and Poultry Products conducted at San Angelo, Texas, its first turkey grading school for this year. On the opening day, October 20, more than 100 persons registered at the school, of which number between 70 and 75 were interested in qualifying to become licensed Government graders. Quite a number of county agents, farmers, and graders for poultry packing plants were among those who received instruction. Rob R. Slocum, T. W. Heitz and George H. Powers of the Washington office, and Lester Kilpatrick of the New York office of the division were in charge of the school, which, according to a letter from Mr. Slocum, was very successful.

The second school was conducted at Salt Lake City on October 25, 26 and 27, with Mr. Heitz and Mr. Powers in charge. Mr. Powers left San Antonio by train on the evening of October 27 and Mr. Heitz, the following night by airplane, for Salt Lake City.

Other schools will be held in the Pacific Northwest at Portland, Oreg., October 29 and 30 by Mr. Heitz, and at Billings, Mont., on October 29 and 30 by Mr. Powers. Mr. Powers will also conduct a school at Grand Junction, Colo., on November 1 and 2, and Mr. Heitz, one at Davis, Calif., on November 3 and 4.

At a meeting in Salt Lake City on October 11, attended by Mr. Heitz, the Northwestern Turkey Producers Association decided to use the Government grades. It is expected that fully 100 carloads of turkeys in the Northwest will be Government graded this year, and 150 carloads or more in Texas, besides 100 carloads or more at terminal markets. The service will be conducted at shipping points in cooperation with State agencies which in most instances will be the State Department of Agriculture. More than 700,000 labels were sent to shipping points last week by the Division of Dairy and Poultry Products for use in the grading work.

COMMODITY PRICES ABOUT
READY FOR THE CENSUS.

Work on commodity prices for the 1930 Census, in charge of Roger Hale, will be completed about November 15. The Census clerks who have been detailed to the Division of Crop and Livestock Estimates, at times numbering as many as 17, will be returned to the Census Bureau. This work has been under way for more than a year, during which time estimates of prices received by producers for 1929 have been prepared for about 248 separate commodities. The collection and preparation of these figures has cost in the neighborhood of \$55,000, of which the Census Bureau is paying half and the Division of Crop and Livestock Estimates the remainder. This is the third consecutive Census for which the Department has furnished prices. If the Census had enumerated prices for the different commodities as they did in 1910 and previous years, the number of questions in the schedules would have been increased by two-thirds. It is estimated that the handling of the work through this Bureau has saved the Census Bureau hundreds of thousands of dollars. In addition, the information furnished by the Bureau is far more reliable than could have been obtained by enumeration.

Classified by groups, prices for the following number of crops and classes of livestock have been obtained: Small Grains, 14; Annual Legumes, 9; Hay Crops, 7; Sorghums, 3; Sugar Crops, 5; Grass Seeds, 3; Miscellaneous Seeds, 32; Miscellaneous Crops, 5; Other Field Crops, 35; Horses and Mules, 8; Asses and Burros, 1; Hogs and Pigs, 3; Sheep and Lambs, 4; Cattle, 10; Goats and Kids, 2; Dairy Products Sold in 1929, 4; Wool Clipped in 1929, 1; Mohair Clipped in 1929, 1; Chickens and Chicken Eggs, 5; Other Poultry Raised, 3; Small Fruits, 8; Orchard Fruits, Nuts and Grapes, 26; Other Orchard Fruits, 2; Citrus and Subtropical Fruits, 35; Dried Fruits, 15; Vegetables, 7.

COUNTY AGENT KEY MAN IN
ECONOMIC EXTENSION WORK.

The key man in any scheme for economic extension work is the county agent, according to H. M. Dixon. Only the county extension worker, of all the research and extension technicians, is able to contact with the great mass of farmers in a county. What are the facts, what are the coming trends, and how and what to give the public are every-day problems for the county agent.

To meet these problems H. M. Dixon and V. B. Hart have been aiding the States in a plan to get the information assembled at the regional outlook conferences into the hands of every county agent. This plan involves a consideration of all the economic information available, its adaptability to the conditions in the county, and ways and means of getting widespread use of it. Within the last few weeks Mr. Dixon and Mr. Hart have been assisting the southern States in assembling data for the Regional Outlook Conference to be held in Atlanta November 10 to 14, and in shaping up plans for getting the data into every southern county following the Atlanta conference. So far the States of Oklahoma, Arkansas, Georgia, Florida, Alabama, North Carolina, South Carolina, Tennessee and Virginia have been visited. These contacts indicate that a concerted effort will be made in the southern States to get the outlook information made available at Atlanta, into the programs of every county agent. Many of the southern States are arranging meetings to follow the Atlantic meeting, where small groups of county agents,

assisted by production and economics specialists, will interpret the outlook and other timely economic information in terms of local conditions, and lay plans for similar work with farmers.

THIRTY STATES REPRESENTED AT
AGRICULTURAL COMMISSIONERS' MEETING.

The National Association of Agricultural Commissioners held its Thirteenth Annual Convention in Washington on Monday, Tuesday and Wednesday of last week. Thirty States were represented at the convention. Mr. Englund, Mr. Marquis, Mr. Sherman and Mr. Boree represented the Bureau at some of the sessions.

Among the resolutions adopted during the meeting was one which "heartily endorsed the present system and methods used by the United States Department of Agriculture in issuing its monthly crop report releases." Resolutions for the appointment of committees to cooperate with the Federal Department of Agriculture were the result of a discussion by Director Hecke of California on relationships between State and Federal Departments, and a session for round table discussions with chiefs of bureaus of this Department.

Following the president's address, reports were submitted by groups of States on the present economic status of farmers. The National Drought Program was discussed by Secretary McLaughlin of Nebraska, resulting in a resolution that a bill be presented to Congress on the question of drought relief. National radio problems in agriculture were discussed by Director Hecke of California, who advocated the use of short waves for broadcasting market news. Crop report releases were discussed by Secretary Mayes of Missouri, and the subject of national farmers' outlook conferences by Secretary Duryee of New Jersey.

Representation at the convention included the States of Alabama, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Jersey, New Hampshire, New York, North Carolina, Oklahoma, Rhode Island, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin.

The following officers were elected for the coming year: Mark G. Thornburg of Iowa, as President; Harry D. Wilson of Louisiana, as Vice-President, and Dr. A. W. Gilbert of Massachusetts, as Secretary-Treasurer.

MANY APPLICATIONS RECEIVED FROM KENTUCKY
AND TENNESSEE FOR TOBACCO GRADING SERVICE.

Applications for the tobacco grading service were approved by the Tobacco Section last week for 32 warehouses in the Kentucky and Tennessee fire-cured tobacco district. This is the largest number of applications approved within one week since the inauguration of the service. Graders will be stationed at warehouses on the following markets: Mayfield, Paducah, and Murray, Kentucky, and Springfield and Clarksville, Tennessee. The grader stationed at Paducah, Kentucky, will also grade at Kuttawa, Kentucky, on Saturday of each week.

FOUR MONTHS' STUDY COMPLETED IN WEST ON HANDLING OF GRAINS ON FARMS.

Neil W. Johnson, Division of Farm Management and Costs, returned to Washington last week from a four months' trip in Washington, Oregon, and Idaho, where he made a study of the handling of grain on the farm.

Mr. Johnson reports that at present practically the entire wheat crop of Washington, Oregon, and Washington is exported in bulk. At the same time the major portion of the crop moves to the coast terminals in sacks. Previous investigations in this area have demonstrated the savings that could be made at terminals and country shipping points were the sacking practice eliminated and grain handled in bulk from farm to final destination.

The Division of Farm Management and Costs and the agricultural experiment stations of the three States cooperated during the past summer in investigating the feasibility and cost of shifting from sack to bulk handling on the farm. Special attention was given to types of equipment suitable for use under hilly conditions, to possible economies in harvesting and hauling operations, and to farm storage and related problems. It is anticipated that the results of this study will be made available early next spring.

NEW ENGLAND RADIO MARKET NEWS SERVICE HAS A SUCCESSFUL YEAR.

B. H. Rowell, who handles the joint radio program at Boston, spent two days in Washington last week, making contacts in the Bureau and Department. He has just completed his first year with the Bureau and reports the New England Market News Service as quite a success.

The radio programs have been lengthened. The noonday programs now include a short talk to the housewives by Miss Yvonne Cooke, Mr. Rowell's assistant. Miss Cooke tells of the fresh fruits and vegetables offered for sale in the retail markets and the prevailing retail prices, and makes suggestions for the use of these commodities. A ten minute talk follows, usually presented by a guest speaker. During the year 213 of these talks have been made by 96 speakers. This program is concluded with reports covering the market terminal, the market for fresh dressed meats, the wool market, and receipts of poultry, butter and eggs at Boston, the New York market for potatoes, onions, butter and eggs, and the Chicago market for butter and eggs. Carload shipments of the more important crops are also given. On Mondays these market reports follow Miss Cooke's talk and the program is concluded with the M. A. C. Forum, which is an agricultural question box in charge of Prof. W. R. Cole of the Massachusetts Agricultural College.

The material presented during the evening broadcasts, now made from 5:45 to 6:00 o'clock, includes reports covering the Boston markets for fruits and vegetables, butter, eggs, wool, hay, grain and feedstuffs, livestock, the important Connecticut markets, Springfield, Worcester and Providence produce markets, the Presque Isle potato market, and other available information.

The Saturday noon programs are devoted to two reviews, one covering Boston markets and the other Springfield. There are no evening broadcasts on Saturday.

Mr. Rowell invites suggestions or criticisms that will help him to further improve his programs.

BUREAU NOON HOUR RADIO
BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:50 to 1:10 p m., eastern standard time. The following members of this Bureau are on the program for the week beginning November 3:

November 3, 1:00 p.m., A. B. Genung, Comments on the Agricultural Situation
 November 5, 1:00 p.m., D. L. Wickens, Mortgage Financing for Farms
 November 6, 1:03 p.m., W. A. Wheeler, The Feed and Livestock Situation.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending October 24 are:

- Cohen, Ruth L. Factors affecting the price of potatoes in Great Britain, Cambridge, W. Heffer & sons, ltd., 1930. 55p. (Cambridge, Eng. University. School of agriculture. Farm economics branch. Report no. 15) 281.9 C14
- Gilmore, A. B. The Porto Rico sugar manual, including data on Santo Domingo mills... New Orleans, 1930. 280p. 65 G42P
- Gt. Brit. Dept. of scientific and industrial research. Index to the literature of food investigations, v.2, no.1, March 1930. London, H. M. Stationery off., 1930. 108p. 241.64 G792
- Greenhalgh, Frank. Cotton spinning, Bolton, Lancashire, F. Greenhalgh, 1929. 2v. (Trade organization series one) 304 C84
- Hobson, John Atkinson. Rationalisation and unemployment; an economic dilemma. London, G. Allen & Unwin, ltd. [1930] 126p. 283 H65
- Knight, Emerson B., inc. An unbiased study of the family or home units in New Orleans, Louisiana. [New Orleans, New Orleans Item] 1930. 1 v. (Lettered on cover: Certified market studies. Market facts) Loose-leaf. 252.33 K74
- Pennsylvania. Dept. of agriculture. Commercial poultry farms in Pennsylvania. Harrisburg, Pa., 1929. 225 P382C
- U. S. Bureau of foreign and domestic commerce. Domestic commerce series no. 32. Inland-waterway freight transportation lines in the United States, by L. P. Nickell... and W. S. Abernathy. Washington, U. S. Govt. print. off., 1930. 147p. 157.54 D71
- U. S. Bureau of foreign and domestic commerce. Schedule A. Statistical classification of imports into the United States with rates of duty and regulations governing the preparation of monthly and quarterly statements of imports effective June 18, 1930. Washington, U. S. Govt. print. off., 1930. 175p. 157.91 Sch2 A
- U. S. Bureau of foreign and domestic commerce. Trade information bulletin no. 704. Markets for fruit juices and fruit sirups in the Pacific countries. Washington, U. S. Govt. print. off., 1930. 16p. 157.7 C76Dt
- U. S. Bureau of foreign and domestic commerce. Trade information bulletin no. 706. Canned grapefruit production and trade, comp. by Clarence E. Birgfeld. Washington, U. S. Govt. print. off., 1930. 21p. 157.7 C76Dt.

HERE AND THERE.

It is expected that the group of Bureau men who have been meeting in Chicago since October 15 and giving consideration to the subject of grain standards and inspection, will complete their work and return to their respective headquarters some time this week. Members of the Washington office who are attending the meeting are Mr. Olsen, Mr. Kitchen, Prof. George R. Hyslop, Geo. R. Parker, H. J. Besley, E. G. Boerner and D. A. Coleman.

W. A. Sherman, In Charge, Division of Fruits and Vegetables, is in New Brunswick, N. J., today (October 28), attending a meeting of The Marketing Institute of the New Jersey State College of Agriculture, in session from October 28-31. Mr. Sherman is giving an address on the subject, "The Place of Grades and Standards in Marketing and Their Development."

On October 30 L. H. Bean, Division of Statistical and Historical Research, will take part in the program of the Marketing Institute, in session in New Brunswick, N. J., October 28-31. Mr. Bean will discuss the subject, "Effect of Business on Agriculture."

The Tobacco Section has selected the following tobacco graders for the fire-cured markets of Virginia: A. H. Irby of Appomattox, Va., will have supervision of the grading on the markets at Lynchburg, Farmville and Petersburg, and will also act as substitute grader. Gordon H. Epes of Blackstone, Va., and S. E. Blanton of Richmond, Va., will act as graders on the Lynchburg market. W. S. Elliotte of Farmville, Va., will grade on the Farmville market, S. E. Crafton of Brookneal, Va., will grade on the Petersburg market. Practically all of these men have been rendering service in the flue-cured district of the South.

L. M. Jeffers, Chief of the Bureau of Field Crops, California Department of Agriculture, at one time a member of the Grain Division, called on former associates in Washington last week.

Carroll F. Duval, Division of Economic Information, returned last week after an absence of two months on exhibit in the field. He placed and was in charge of exhibits at the Spokane Interstate Fair, September 1-6; the Washington State Fair, Yakima, Wash., September 8-13; the Western Washington Fair, Puyallup, Wash., September 15-21; the Dairy Cattle Congress, Waterloo, Ia., September 28-October 4; and the National Dairy Exposition, St. Louis, Mo., October 11-19.

F. G. Robb, Division of Fruits and Vegetables, will give a series of talks early in November, on the Perishable Agricultural Commodities Act, before the local branches of the National League of Commission Merchants in Cleveland, Ohio, Buffalo, N. Y., Wheeling, W. Va., and Pittsburgh, Pa.

Guy S. Meloy, Division of Cotton Marketing, will discuss the grading of cotton seed November 3, before the Agricultural Club of Dallas, Tex., and again on November 6, before a meeting in that city of extension workers and county agents of North Texas.

B. W. Allin has recently joined the Division of Agricultural Finance as Agricultural Economist. He will be in charge of the taxation work. Mr. Allin holds the degree of B.S. and Ph. D. from the University of Wisconsin. Before entering the Bureau he was connected with the Forest Taxation Inquiry Service of the Forest Service, in New Haven, Conn.

R. J. Cheatman, Division of Cotton Marketing, left Washington early this week for Chicago and St. Louis where he will confer with members of the trade and of trade associations in connection with research studies being conducted to find new uses and extend the old uses for American cotton.

Dr. O. E. Baker, Division of Land Economics, was absent from the office last week and is still away this week on account of sickness.

Richard C. Ross, formerly Assistant Statistician in the Seattle, Wash., office, Division of Crop and Livestock Estimates, has reported in Washington to take charge of the Maryland-Delaware office.

In the interest of the livestock market news service, E. W. Baker, Division of Livestock, Meats and Wool, will leave Washington November 1 for the following points: Nashville, Fort Worth, Los Angeles, San Francisco, Portland, Oregon, Salt Lake City, Denver, Omaha, Sioux City, St. Paul, Des Moines, Chicago, Wichita, St. Joseph, Cincinnati, and Pittsburgh. He will return to Washington about December 11.

H. J. Clay, Division of Fruits and Vegetables, is collecting information on peanuts for use in the Outlook Report, on a short trip this week to Suffolk, Norfolk and Petersburg, Va.

Fred Daniels, Division of Crop and Livestock Estimates, is transferring from Boise, Ida., to Las Cruces, N. M., to handle the work of Chas. E. Null. Mr. Null is on extended leave of absence on account of sickness.

We learn with sincere regret that H. W. Hawthorne's mother, Mrs. A. G. Hawthorne, died October 23, at Morgantown, W. Va.

Miss Mayme C. Parker, Division of Economic Information, accompanied by her parents, will leave Washington by auto Friday on a trip to Florida. She will make a short visit with her sister in Gainesville.

Peter M. Strang, Division of Cotton Marketing, is making a trip this week to New York City and Philadelphia for the purpose of interviewing cotton manufacturers and dealers regarding the amounts of the various kinds of cotton consumed, in connection with studies of the utilization of American cotton.

Charles L. Harlan, Division of Crop and Livestock Estimates, will give an informal discussion on the outlook for cattle, hogs and sheep at the Farmers' Week Meeting, to be held at the College of Agriculture, Columbia, Mo., October 28 and 29.

The Department Golf Tournament is being held today. It is expected that a number of members of the Bureau will take part in this the final game of the year.

THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

November 4, 1930.

TEXAS ASKS AID OF LAND ECONOMICS IN CONNECTION WITH RECLAMATION PROGRAMS.

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U. S. Department of Agriculture

In connection with a proposed extension reclamation project in the Brazos River Conservation and Reclamation District, officials of the State of Texas have called upon the Division of Land Economics for advice and assistance in planning a comprehensive economic survey to determine the economic feasibility of proposed improvements within the district.

The Brazos River Conservation and Reclamation District comprises by statute all of that part of the State of Texas drained by the Brazos River and its tributary streams. The area is estimated to comprise some 28,000,000 acres of land, which is about one-sixth of the area of the State. Roughly, the plan is to construct dams and reservoirs at points within the watershed to control flood waters and utilize surplus water for irrigation, municipal purposes and power development. It is expected that upon completion of the dams a systematic control of each tributary to the main stream will be undertaken to develop as equitably as possible a beneficial use of the water, involving terracing of farm lands, grasslands, and timberlands, the probable construction of small farm reservoirs, etc. It has been pointed out that the occasional overflow of something over a million acres of farm lands and the attendant losses that run into millions of dollars at each disaster is only a small part of the loss that is occurring through lack of control and use of the water.

In a letter addressed to Dr. L. C. Gray, In Charge, Division of Land Economics, Leonard Tillotson, General Manager of the Brazos River Conservation and Reclamation District, expresses his appreciation of service already rendered, as follows:

"On behalf of the Brazos River District, I wish to express our gratification for the cordial interest and helpful assistance of yourself and other representatives of the Department of Agriculture in our movement, and its different lines of effort. And especially we desire to convey our appreciation for the work of Dr. Hartman in connection with our endeavor to secure a comprehensive economic survey of the area embraced in the Brazos District. His appraisal of the possibilities for public good of our movement, and of the data that would be essential as the foundation of a constructive economic study of the district, is as stimulating as it is practical. We are very glad to have had Dr. Hartman's cooperation in outling this work, feeling that none could have brought to the study of the question a more discriminatingly intelligent understanding of its problems."

Officials have also asked for help in the consideration of the financial condition of a number of the levee and drainage districts, in which, it has been pointed out, owners of reclaimed lands are experiencing difficulty in making sufficient profit to meet the interest and sinking fund payments on reclamation bonds. A conference has been arranged at Dallas, Tex., for November 12, when State officials and creditor and debtor interests in the projects will consider the plans for a study to determine whether there are

not more profitable ways of utilizing these lands than the present methods of agriculture employed. It is expected that Dr. Wm. A. Hartman, of the Division of Land Economics, will attend this conference.

NAVY ASKS EXTENSION OF FRUIT AND VEGETABLE INSPECTION TO GREAT LAKES STATION.

The inspection service of the Division of Fruits and Vegetables placed an inspector temporarily at the Great Lakes Naval Training Station beginning November 1, at the request of the Navy, to inspect their fruits and vegetables. This service will be carried on after much the same plan as that followed in the principal ports of the country, where fruits and vegetables for the Navy are all inspected by the division in order to determine if they meet contract specifications.

If after two months' trial it is decided that the service is practicable, both from the standpoint of the inspection service and the Navy, it will be made permanent.

CONFERENCE OF TOBACCO GRADERS AND OFFICIALS.

The Tobacco Section has called a conference to be held at Raleigh, N. C., November 8 and 9. All graders and supervisors in Virginia, North Carolina and South Carolina, and officials of the Washington office will be present. Marketing officials of the States concerned have been invited. The meeting, the first of its kind in the Tobacco Section, is called for the purpose of discussing the problems of the service, exchanging ideas, and promoting esprit de corps.

PAYMENT OF SALARIES IN WASHINGTON.

The practice of employees of going to the Disbursing Office to get their pay has brought a protest from that office because of the inconvenience it has occasioned. The Business Manager of the Bureau urges cooperation in the Disbursing Office plan to pay off employees at designated places. Employees are expected to get their pay while the pay man is in their building and while he is on the floor which has been designated for paying off their division. The following arrangement is in effect for Bureau employees:

The pay man will leave the Disbursing Office at 9 o'clock on pay day. He will go to the fourth floor of the building at 200 - 14th Street first, and pay employees of the Division of Crop and Livestock Estimates. Then he will go to room 411 of the Bieber Building and pay the people on the third, fourth and fifth floors of that building, and those employed in 211 Linworth Place, the Cornell Building, and 1351 C Street, S. W. Next he will pay off on the sixth, seventh and eighth floors, respectively, of the Bieber Building. Finally he will go to 300 Linworth Place, S. W., room 300, and pay off the employees there.

To meet a new requirement of the Disbursing Office employees will be identified when receiving their pay, either by the head clerk of the division or by the pink slip which is enclosed in the mid-month pay envelope. Employees should present this slip or their identification card should they find it necessary to go to the Disbursing Office for their pay. In the

event, it will be necessary for employees to reach the Disbursing Office before 2:00 p.m. on pay day, particularly when the pay day falls on the last day of the month, as at that hour the money will be turned into the Treasury and salaries will be paid by check.

The Business Manager requests that employees call for their pay envelopes at the Disbursing Office only when there is some very good reason for their doing so, because of the duplication of work which this practice causes the pay man.

EXTENSION METHODOLOGY APPLIED TO ECONOMICS.

The development of methods of extension to meet changed emphasis from concrete and objective things that appeal to the senses to economic subject matter of perhaps even greater importance but that in large measure appeals only to the sense, has been marked within the past few years, says H. M. Dixon, Extension Economist. States that have made the most effective advancement attribute this success in part to the development of extension methodology as applied to economics.

Mr. Dixon adds that it is for these reasons that extension workers desire attention given to methods as well as subject matter at the regional outlook conferences. This consideration is especially significant at this time, since the total number of part or full time extension workers in economics will be increased for this calendar year from 134 to 225 in the 48 States. In Hawaii the extension service also has been employing an extension economist since September 1.

Mr. Dixon points out that economics, unlike most other agricultural subject matter, deals largely with relationships and conditions in the abstract. One cannot easily grasp the full significance of a large cotton or wheat crop in the countries competing for the world trade. We cannot see the cycles in beef or pork production. Purchasing power is a highly intangible condition. Likewise the significance of changes in food habits are difficult to grasp.

Mr. Dixon calls attention to the fact that the extension projects in which a large measure of success have been attained, especially through the use of local leadership, are mostly objective in nature. Four-H Clubs deal with a calf, with clothing, and other things that can be seen and handled. Clothing, for instance, is objective in the extreme. It is for these reasons that it has been necessary in economics extension in all its phases to develop extension methodology as well as subject matter. Even more stress of methods will be necessary in the future if farmers in large numbers are to obtain the facts and their interpretation, needed if they are to place their products on the market to best advantage and shape production programs with an eye on the future.

BUREAU NOON HOUR RADIO BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:50 to 1:10 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning November 10:

November 12, 12:44 p.m., (special time arrangement), November Crop Report, W. F. Callander, J. A. Becker.

November 13, 1:05 p.m., C. A. Burmeister, November Hog Markets.

TOBACCO WAREHOUSEMEN TAKE UNIQUE METHOD OF
SHOWING FARMERS BENEFITS IN GRADING SERVICE.

A new development in tobacco grading work this year is the holding of special sales by tobacco boards of trade, at which old tobacco is Government-graded free of cost to the growers, the expense being borne by the warehousemen. The object is to bring the benefits of the service to the attention of the growers. At Wendell, N. C., where one such sale has already been held, handbills have been circulated announcing that on every Wednesday during November all tobacco delivered to the floors will be graded free of expense to the growers.

DEPARTMENT EXPENSE ACCOUNTS SUSPENDED WHERE
OATH ADMINISTERED BY CUSTOMS SERVICE CLERK.

The General Accounting Office is suspending all expense accounts where jurats are executed by a clerk designated by the Collector of Customs to administer oaths, according to a letter recently received by Mr. Olsen from A. Zappone, Disbursing Clerk. The General Accounting Office have held that the Act of August 24, 1912, and the Act of April 2, 1928, 45 Statutes 401, applies only to employees of the Customs Service and does not permit the administering of oaths to expense accounts of employees of other branches of the Government service.

This ruling should be borne in mind by the Bureau employees concerned, in order to avoid the making of unnecessary suspensions by the General Accounting Office and the necessity of having new oaths executed to expense accounts in the future.

MANUSCRIPTS SUBMITTED BY THE BUREAU DURING OCTOBER.

The following manuscripts were submitted to the Division of Publications during October:

Annual Report of Chief of Bureau.

Bates, Bodnar, and Stirniman: Bulk and sack methods of handling grain in the Pacific Coast States. For F. B.

Swinson, Vernon, et al - Marketing apples grown in the Cumberland-Shenandoah region. For Tech. Bul.

The following articles have been approved for publication in the periodicals named:

Bryant, H. F.: What are tobacco price prospects? For Progressive Farmer.

Callander, W. F.: Crop Reporting Service. For U. S. Daily.

Edwards, B.: Development of Federal standards for farm products. For Commercial Standards Monthly.

Sherman, C. B.: Standards of living as reflected in rural fiction. For Rural America.

Spillman, W. J.: Measuring absorbed phosphates and nitrogen. For Science.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending October 31 are:

Association of land-grant colleges and universities. Executive committee. Preliminary comments on the memorandum of progress of the National advisory committee on education... Sept. 1930. Washington, 1930. 10p. 275 N19A

Preliminary response to Federal relations to education issued by National advisory committee on education.

Chamber of commerce of the United States of America, Washington, D. C. Agricultural service department. Agricultural opportunities in quality production. Washington, 1930. 20p. 280.31 C35

Comité national d'études sociales & politiques. La rationalisation en agriculture. Communications de: MM. Joseph Capus... Rabaté ... [e.a.] [Boulogne-sur-Seine, Imprimerie d'études sociales & politiques] 1930. 42p. 281 C73R

Gt. Brit. Census of production office. Final report on the third census of production of the United Kingdom (1924) The Textile trades... London, H. M. Stationery off., 1930. 285p. 304 G794

Hobbs, Samuel Huntington, jr. North Carolina; economic and social. Chapel Hill, The University of North Carolina press, 1930. 403p. 252.63 H65

Hole, Sidney. Agriculture and industry. Brighton, The Southern publishing company, limited. 1929. 38p. 281 H711

Ramakrishna Ayyar, V. G. Small scale production in India; a study in Indian industrial organisation. London, Williams & Norgate, ltd. [1930] 60p. 280 R14

U. S. Bureau of foreign and domestic commerce. Foreign commerce and navigation of the United States calendar year 1929, v.1. Washington, U. S. Govt. print. off., 1930. 585p. 157.9 F76

Virginia. Agricultural and mechanical college and polytechnic institute, Blacksburg. Engineering extension division. Industrial survey, Arlington County, Virginia, by R. L. Humbert... in collaboration with R. B. H. Begg...[and others] Blacksburg, Va., Engineering extension division, Virginia polytechnic institute, 1930. 63p. 252.89 Ag83A

Virginia. Agricultural and mechanical college and polytechnic institute. Blacksburg. Engineering extension division. Industrial survey, Bedford, Virginia, by R. L. Humbert... in collaboration with R. B. H. Begg... [and others] Blacksburg, Va., Engineering extension division, Virginia polytechnic institute, 1929. 47p. 252.89 Ag83B

BUREAU BREVITIES.

ROADSIDE MARKETS, Leaflet 68, prepared in the Division of Economic Information by Miss Caroline B. Sherman to fill a constant demand for the facts, outlines the fundamentals to success as determined by many State studies, other factors contributing to success, and more general considerations. It also reviews the efforts that have been made in certain States toward regulation and self-regulation. An annotated list of State bulletins on the subject of roadside markets is included.

A SET OF THE HOG GRADE MODELS, loaned by the Division of Livestock, Meats, and Wool to Alfred H. Bateman, Director of Vocational Agriculture of Idaho, and exhibited at Idaho State Fair, has brought the following comment from Mr. Bateman: "In behalf of the people of the State of Idaho I wish to thank you for the loan of the models illustrating grade standards for slaughter hogs. We feel that they were very educational and have done a great deal of good in this State.

FARMING SYSTEMS FOR EASTERN WASHINGTON AND NORTHERN IDAHO is the title of a bulletin just issued simultaneously as Washington Experiment Station Bulletin No. 244 and Idaho Experiment Station Bulletin No. 173. Professor George Severance of the State College of Washington, Dr. Paul A. Eke of the University of Idaho, and Byron Hunter of the Division of Farm Management and Costs, this Bureau, are the joint authors of the bulletin. According to the summary the area to which this publication applies has been devoted to grain farming for from 35 to 50 years. The relative profitability of five cropping systems are compared, each of which provides for maintaining or increasing the organic matter of the soil and checking erosion while at the same time continuing wheat as the major farm enterprise.

REGULATIONS GOVERNING THE INSPECTION, GRADING, AND CERTIFICATION OF TOBACCO are now available in printed form as Service and Regulatory Announcement No. 120 of this Bureau.

GRADES FOR CANNED TOMATOES, recently promulgated by the Secretary for use in connection with the administration of the Warehouse Act, are considered by F. A. Wilder, President of the Pratt-Low Preserving Company of Santa Clara, Calif., to be the best that have yet been suggested. Mr. Wilder has so informed Paul M. Williams of the Warehouse Division in a recent letter. The Pratt-Low Preserving Company is among the largest packers of fruits and vegetables in the United States.

TRADING IN CORN FUTURES, by G. Wright Hoffman, Consulting Grain Economist, just issued by the Grain Futures administration as Technical Bulletin No. 199, may be of special interest to members of the Bureau. More than 30 pages of text are well illustrated with graphs. Nearly 50 pages are devoted entirely to statistical tables.

THE HEARTY COOPERATION of the Bureau of Business Research of the University of Texas is pledged by Dr. A. B. Cox, Director, in the economic analysis of the Brazos River Watershed, with which the Division of Land Economics is now assisting. After looking over an outline by Wm. A. Hartman of the Division of Land Economic, for the economic analysis of this watershed with the idea of determining the feasibility of certain contemplated improvements, Dr. Cox, has written Dr. L. C. Gray of this Bureau: "I want to congratulate you for having a man in your organization who has the vision to go at the problem in a such a comprehensive and orderly way."

HERE AND THERE.

Owen L. Dawson, Assistant Agricultural Commissioner, Berlin, Germany, is expected to arrive in Washington soon for conferences with the administrative officers. Mr. Dawson sailed with his family from Southampton, England, on October 31, on the S. S. George Washington, which will reach New York City November 7. After a brief stay in Washington he will be assigned to another foreign station.

W. A. Sherman, In Charge, Division of Fruits and Vegetables, will attend a potato conference of the New York State Farm Bureau Federation. in Albany, N. Y., November 5.

Dr. Floyd H. Harper, Agricultural Economist, is a new member of the Division of Cotton Marketing. Dr. Harper holds the degrees of B.S. and Ph.D. from the University of Maryland and M.S. from North Carolina State College of Agriculture. He majored in statistics. Before joining the Bureau he was employed by the U. S. Tariff Commission as a special expert in investigation-al work on agricultural commodities. In the Division of Cotton Marketing he is assisting in the grade and staple estimating work.

The Division of Cotton Marketing had word last week that one of its members, Miss Louise H. Blakely, of the El Paso, Tex., office, became Mrs. Lewis H. Smith on October 20. We extend out best wishes for happiness.

Clinton F. Wells joined the Division of Statistical and Historical Research on November 1 as Associate Agricultural Economist. Mr. Wells served the Bureau as an Agent for the Division of Farm Management and Costs for a brief period in 1927 when he assisted in a cooperative study with the University of Idaho, of prices and distribution of Idaho apples. Later in that year he was employed by the Division of Crop and Livestock Estimates as an Assistant Agricultural Economist under a cooperative arrangement with the University of Idaho, to assist with the crop and livestock estimating work in that State. In April 1928 Mr. Wells resigned to go with the California Division of Markets. Under a cooperative agreement with that division he again became associated with the Bureau last August as an Agent to assist with the market news service in California. In his new assignment in the Division of Statistical and Historical Research he will conduct research and investigational studies on the effect of the tariff on agriculture and agricultural prices. Mr. Wells has the degrees of B. S. and M. A. from Stanford University.

The Bureau plans to send twelve representatives to the Regional Outlook Conference, to be held at Atlanta, Ga., November 10-14. Mr. Englund will act as Chairman of the Outlook Conference; Mr. Marquis will take care of the editorial end of the work. The following members of the Bureau will present the subjects indicated: Dr. C. L. Holmes, Dairying, Poultry, General Outlook; A. W. Palmer, Cotton; Lawrence Myers will furnish such explanation and interpretation of the cotton facts as may be needed; G. A. Collier, Rice, Feed Crops and Seed; C. E. Gage, Tobacco; C. A. Burmeister, Hogs, Beef Cattle, Sheep; L. H. Bean, The Demand Situation, Potatoes; N. J. Wall, Agricultural Credit; R. Royston and J. W. Park, Truck Crops, Fruits and Peanuts.

W. C. Davis, Division of Livestock, Meats and Wool, is leaving Washington today (Nov. 4) for an extended trip in connection with the beef grading service. He will inaugurate this service at Detroit, Mich., Buffalo, N. Y., Erie, Pa., Sioux City, Ia., Wichita, Kans., and Arkansas City, Kans., and make some changes in the service at St. Louis, Mo. Mr. Davis also will cooperate with the National Livestock and Meat Board in a demonstration of Government meat grades at the American Royal Livestock Show, to be held at Kansas City, November 16-22, and at a similar exhibit for the Chicago International Livestock Exposition, to be held from November 29-December 6.

A. E. Mercker, Division of Fruits and Vegetables, and L. H. Bean, Division of Statistical and Historical Research, are attending a series of potato outlook meetings in North Carolina, with a view to showing growers what to expect in regard to acreage, yield and possible prices for potatoes in the spring of 1931. These meetings will be conducted from November 3 to 8 in cooperation with the North Carolina Extension Service and Division of Markets.

Byron Hunter, Division of Farm Management and Costs, recently returned from a trip to Idaho where he assisted Dr. Paul Eke of the Idaho State University in a Farm Organization study of the Twin Falls Southside Irrigation District. During this study practical cropping systems were worked out and the required data assembled for setting up financial budgets for each system to determine their relative profitableness.

The Extension Department of the Montana State College of Agriculture has asked Robert W. Skelton, Grain Supervisor at Great Falls, Mont., Grain Division, to assist in conducting a seed school, to be held in Great Falls November 12 and 13. Mr. Skelton has been asked to give talks on dockages and smut dockages and the resultant discounts, and to present demonstrations on the actual procedure in obtaining dockages and smut dockages. The Extension Department expects an attendance of approximately 65, consisting of county agents and farmers representing wheat growing areas in the State.

Dan A. Ford, Division of Livestock and Wool, is transferring from the meat grading service in Chicago to take charge of the beef grading and stamping service that will be inaugurated in Detroit this week.

M. A. Crosby, Division of Farm Management and Costs, is making a study of the economics of sweet clover production and of the place it occupies in the Great Plains farming systems, on a trip on which he started early this week. This is a continuation of a similar study that was conducted in the Cotton Belt last year. Mr. Crosby will visit points in the States of Nebraska, Kansas, Oklahoma, Colorado, Texas and New Mexico. He will not return to Washington until the latter part of December.

W. H. Holliday, In Charge of the Omaha office of the Warehouse Division, gave an address on "Warehouse Laws, Federal and State" at the Annual Convention of the Nebraska Grain Dealers' Association, Lincoln, Nebr., October 28 and 29.

D. C. Holbrook, Assistant Crop and Livestock Estimator, Division of Crop and Livestock Estimates, has recently been transferred from Portland, Oreg., to Seattle, Wash., to take the place of Richard Ross, who is now in Washington, D. C., in charge of the Maryland-Delaware crop and livestock estimating work.

Friends of Miss Elsie Lang, Division of Dairy and Poultry Products, sympathized deeply with her in her loss through the death of her sister last week.

THE B. A. E. NEWS

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ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

November 11, 1930.

Vol. 23, No. 20.

LARGE SCALE NIGHT INSPECTIONS TO BE CONDUCTED BY F. & V. DIVISION.

A cooperative agreement has gone forward for signature by the Fresh Fruit and Vegetable Association of New York, Inc., providing for the employment of two inspectors of the Fruit and Vegetable Division, on the railroad piers in New York City from 10 p.m. to 6:00 a.m. Inspections will be made particularly to determine the extent of loss or damage in cases in which there is a disagreement between representatives of the railroads and the receivers. The cooperating association guarantees the entire expense of this night work in case the fees are not sufficient for that purpose.

This is the first time the Bureau has undertaken inspection work at night on a large scale.

SOYBEAN INSPECTIONS HEAVIEST ON RECORD.

October was a banner month for soybean inspections. At five important markets, Chicago, Peoria, Bloomington, Toledo and Cincinnati, the number of inspections during this period were more than double the total for the entire fiscal year 1930. An unusually large number of appeals have been taken. The latter were handled through the Washington office, and the bean standardization and inspection laboratory of the Hay, Feed and Seed Division was the scene of considerable overtime activity. J. E. Barr, who is in charge of this project, reports that the results of these appeal inspections indicate a high degree of accuracy and efficiency for the local inspectors.

Much of the increase in this work may be attributed to the activities of a cooperative organization of 2300 soybean growers in Illinois. This organization recognizes the value of the U. S. standards and Federal inspection as a basis of contract with its members and with elevators and mills, and the management has expressed keen appreciation of the manner in which this service is conducted.

BUSINESS MANAGER SUGGESTS WAYS OF IMPROVING EFFICIENCY.

The Business Manager calls attention to a change in practice in mailing envelopes in the mailing room of the Division of Crop and Live-stock Estimates, brought about through the suggestion of Clarence O. Parker. Mr. Parker is in immediate charge of the mailing of certain forms and envelopes to an extensive mailing list. Through his new scheme the schedules are mailed much more rapidly, a strict time schedule is maintained, and an actual saving in funds accomplished of over \$50.00 a month for the work in-

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volved.

"This presents an interesting thought," says Mr. Hughes, who asks: "Are you continually studying the work you are doing, keeping abreast of the times in procedure, and endeavoring to more effectively handle your assignment? Is there any way by which needless routine may be eliminated or simplified and more efficient routine established?"

"Your supervisor will be glad to have suggestions from any employee looking to more efficient operation," Mr. Hughes concludes.

NEW YORK FARM BUREAU FEDERATION MEN WANT SHIPPERS TO SHOW POTATO GRADES.

A distinct sentiment in favor of requiring shippers to show the grade of potatoes offered for sale was in evidence at the meeting held in Albany, N. Y., November 5, by representatives of the New York State Farm Bureau Federation, particularly those from the potato producing counties of the State. W. A. Sherman, In Charge of the Division of Fruits and Vegetables, represented the Bureau at this meeting. Consideration was given to legislation on potato standardization and branding to be presented to the New York State legislature. Mr. Sherman says that New York State is now devoting a little more than half of its former acreage to the potato crop, but farm management studies by Cornell University seem to indicate that the potato crop on the used land is one of the most profitable crops that the New York farmer is now producing.

FRENCH COTTON MANUFACTURERS VISIT THE DEPARTMENT.

Representatives of a group of leading French cotton manufacturers, who are in this country for the purpose of making a tour of American cotton-producing regions and manufacturing centers of the United States, were visitors in the Department on November 6. They were greeted in the conference room of the Administrative Building by Secretary Hyde. Mr. Olsen acted as presiding officer and introduced the guests to members of this Department and of the Department of Commerce. The bureaus of the Department of Agriculture represented at the meeting were: The Bureau of Home Economics, the Bureau of Chemistry and Soils, the Bureau of Entomology, the Bureau of Plant Industry, and the Bureau of Agricultural Economics. Mr. Olsen explained briefly the functions of the Department. After brief talks by other Department representatives, including Asher Hobson of this Bureau, the French manufacturers visited the laboratories of the Bureau of Chemistry and Soils, then were received in this Bureau, and finally went to the Motion Picture Laboratory of the Department, where a film of the Bureau of Plant Industry was run for them, showing the production phases of cotton, etc.

In this Bureau they were shown through the cotton standards laboratory of the Division of Cotton Marketing, where the preparation of the universal grades and staple types of cotton were explained to them; and they visited the technological, fiber, and color laboratories of the division. A. W. Palmer discussed the different phases of work of the laboratories and explained the grade and staple estimates work. They were given literature concerning the division's activities, on such subjects as utilization of cotton and cotton marketing. They also visited the Crop Reporting Board, where W. F. Callander explained the crop reporting service and the issuance

of the crop reports.

The following members composed the French group: Claude Beguin, La Cotonniere de St. Quentin (St. Quentin); Z. Caulliez, Caulliez Freres (Tourcoing); Henri Coisne, Coisne et Lambert; Roger Crepy, Roger Crepy (Lille); Claude Delosalle; Daniel Dufour, Messrs. G. et D. Dufour; Jean Fauchille, Verley et Cie; Jacques Fauchille, Leon Crepy Fils et Cie, (Lambertart); Robert Faisant, La Cotonniere de St. Quentin; Leon Foulon, Comptoir de l'industrie cotonniere; Philippe Lang, Les Fils d'Emmanuel Lang; Philippe Laurent, Paul Laurent et Fils, and Robert Vandendriesche, Etablissements Boudoux et Vandendriesche.

FOREST SERVICE PUTS BUREAU'S CROP METER TO NEW USE.

The crop meter, used by the field statisticians of the Division of Crop and Livestock Estimates for measuring the frontage of crops along established routes, has recently been put to practical use by the Forest Service. In connection with this work, E. L. Demmon, Director of the Southern Forest Experiment Station, New Orleans, La., has addressed the following letter to the Bureau:

"In our erosion studies in northern Mississippi we have used a crop meter with very satisfactory results. The percentage figures which we obtained will, I believe, be as accurate as any and will prove of inestimable value to us and to other agencies studying erosion in this State.

"The crop meter has aroused considerable interest among various groups who have seen and heard of it. Foresters are especially interested in the instrument as they can use it for tallying fire areas, different types of timber, and other conditions. We have been asked by several men where they could obtain a crop meter and what one might cost in case they had to buy it outright."

The crop meter was devised by D. A. McCandliss, Agricultural Statistician for Mississippi, who made the first rough model. The model was developed by J. F. Barghausen, Technologist of the Bureau, who has made the models now in use. The Wheat Pool of Canada has purchased several of these machines and several foreign countries are considering their purchase, including Russia and Argentina.

MR. DIXON POINTS TO BENEFITS FROM REGIONAL OUTLOOK CONFERENCES.

Reports from State Extension Services indicate that the sum total of this winter's outlook extension work will be about double that of any previous year, H. M. Dixon, Extension Economist, stated at an Extension group meeting, November 3.

The large development of outlook subject matter in the Bureau of Agricultural Economics over the last few years and the concerted efforts of the Bureau staff in the more careful interpretation and preparation of outlook information for extension uses were important contributing factors in this progress. The emphasis by extension workers on economics in all extension activities undertaken during recent years, the outstanding successes in economics extension, and additional finances were also mentioned as factors in this large expansion.

The regional outlook conferences are considered by Extension workers

as an important development in the improvement of outlook material, Mr. Dixon states. These conferences make possible a careful appraisal by Federal and State workers of the outlook data useful to an area, an exchange of ideas regarding the different uses being made of such material, and an estimate of additional data needed. Those attending can learn from each other better methods of extending this work to farmers and the conferences have shown the great importance of year-round attention to outlook work and the importance of careful timing of activities.

One of the largest benefits is the opportunity that these conferences afford for State workers to obtain economic information and shape extension plans at a time of year most helpful for use in fall and winter meetings with farmers, many of which are held prior to the national outlook conference in January. All areas in which these conferences have been held are asking for them again, Mr. Dixon reports.

PICTURESQUE NEW MEXICO AUDIENCE WITNESSES LIVESTOCK GRADING DEMONSTRATION.

The picturesqueness of the pioneer days of the West was suggested in the attendance at the livestock grading demonstration given by James K. Wallace of this Bureau and Dr. W. L. Black, Extension Animal Husbandman, New Mexico Agricultural College, on September 2, at the Gray Ranch of the Diamond A Cattle Company, 80 miles south of Lordsburg, N. Mex., near the Mexican border. Mr. Wallace reports in a recent letter that more than 100 persons were present, including such striking figures as Al. Jennings, the former out-law and one-time Governor of Oklahoma, and Chief Moore, an Osage Indian, who has been in the Southwest for more than 50 years as a scout and guide, and for years as a rancher. In addition to the local stockmen who came from 75 miles around, there were August Miller, one of the largest Sonora, Old-Mexico ranchers, and his party of half dozen cattlemen from 50 miles below the border. Mr. Miller is carrying over \$100,000 worth of cattle on his ranch west of the Sierra Madre Mountains.

Four grading demonstrations have been given at the Gray Ranch in the last five years, and Mr. Wallace says that a very noticeable improvement has taken place in the quality of calf production in the company's vast herd. The 25,000 cattle included all sorts of cows, from the old San Mateo type up through a Terrazas mixture into plain quality grade Herefords. During recent years the company has permitted Mr. Wallace to cull out the poor beef-type cows and has done much of this itself as a result of the demonstrations. Three years ago it bought a pure-bred Hereford cow herd and over 100 registered Hereford bulls of good quality. Mr. Wallace reports that the resulting improvement in the beef quality of the calf crop is a revelation of what breeding along improved lines will do. In the total numbers are still to be found some of the plainer cows and their calves, and the contrast is evident. Mr. Wallace believes that the changes accomplished at the Gray Ranch constitute far the largest tangible, direct, and visible results of the grading work, as the changes have taken place on such a large scale and under one ownership. The company has asked that the meetings and demonstrations be continued at their ranches as annual events, as the members feel more than repaid for the expense necessary to handle the meetings properly.

The series of livestock grading demonstrations and improvement

meeting held by Mr. Wallace and Dr. Black in New Mexico, from September 2 to 18, were the most successful of any as yet held in that State. Mr. Wallace reports that he and Dr. Black consider this a success not so much because of the size of the attendance, which was always good, but because of the type of men represented, the interest shown, and the very noticeable changes and improvements apparent in the herds of cattle and sheep with which they have worked annually for several years. He adds that as New Mexico is so largely dependent for agricultural money on its cattle and sheep, it is vitally interested in information concerning the markets, standards and grades, and the best season distribution periods.

BUREAU NOON HOUR RADIO

BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:50 to 1:10 p.m., eastern standard time. The following member of this Bureau is on the program for the week beginning November 17:

November 20, 1:00 p.m., C. V. Whalin, November Cattle Markets.

BUREAU BREVITIES.

DEVELOPMENT OF STANDARD METHODS FOR GRADING AND EVALUATING and the Cottonseed Grading Calculator, two articles by G. S. Meloy in a recent number of the Cotton Oil Press, were read by Joaquin Bertino de Moraes Carvalho, Technical Director under the Ministerio da Agriculture, Industria e Commercio, of Rio de Janeiro, who writes: "I am an old reader of the Cotton Oil Press and also a member of both the American Oil Chemist Society and the American Chemists' Society and I must say that I am a witness of the great piece of work you have done to develop the cottonseed oil industry. In the present time it is not possible to use your suggestions in my country considering that we have no rules to regulate the trade of cottonseed and cottonseed oil by-products, but I will call the attention of the members, on that subject in the Congress of Engineering and Industry which will be held next 15th of November at the Engineers' Club."

RESPONDING TO A SPECIAL CROP ACREAGE QUESTIONNAIRE, sent out by A. J. Surratt, Agricultural Statistician for Illinois, R. C. Hussang, a farmer of Camp Point, Ill., adds this statement: "I consider this service very valuable to us farmers and am ready to cooperate at any time."

METHODS AND ACTIVITIES OF THE NEW YORK FOOD MARKETING RESEARCH COUNCIL, of which this Bureau is a member, are outlined in a folder distributed from the Council's headquarters at 259 West 14th Street, New York City. The Council is described as a coordinating regional research body devoted to public service in the way of developing and disseminating information relating to the receipt, sale, and distribution of perishable food products in the Metropolitan New York district.

A SPECIAL ANALYSIS OF THE WORLD COTTON SITUATION, believed to be the most comprehensive statement the Bureau has ever released on cotton, has been prepared by Lawrence Myers under the direction of Dr. O. C. Stine. In it are 44 charts, most of which are new. The analysis has been issued in preliminary mimeograph form, with the charts rotaprinted. At the Regional Outlook Conference in Atlanta this week, it will be edited and issued as an official publication together with the outlook on cotton

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending November 7 are:

- Butterfield, Kenyon Leech. Report of Dr. Kenyon L. Butterfield on rural conditions and sociological problems in South Africa. New York, 1929 42p. At head of title: Carnegie corporation of New York. 281.2 B98R.
- Canadian wheat pool, Winnipeg. Amendments to the Canada grain act 1930. Winnipeg, 1930. 14p. 59 C1692A.
- Dale, Edward Everett. The range cattle industry. Norman, Okla., University of Oklahoma press, 1930. 216p. 43 D15
- Heberle, Rudolf, Über die mobilität der bevölkerung in den Vereingten Staaten. Jena, G. Fischer, 1929. 224p. 280 H352.
- International conference of agricultural economists. Proceedings, 1st, 1929. [Ithaca?, New York, 1929?] Mimeographed. 1st, Dartington Hall, Totnes, Eng., 1929. 281.9 In82.
- Kirkpatrick, W. H. The seasonal distribution of farm labour requirements... Cembridge, W. Heffer & sons ltd., 1930. 44p. (Cambridge. University. Dept. of agriculture. Farm economics branch. Report no. 14) 281.9 C14.
- Laur, Ernst Ferdinand. Einführung in die wirtschaftslehre des landbaus, unter besonderer berücksichtigung der landarbeitslehre, 2d Neubearb. aufl. Berlin, P. Parey, 1930. 346p. 281 L37 Ed.2.
- Pinner, L. Wheat culture in Palestine... Tel-Aviv, Palestine economic society, 1930. 123p. (Bulletin of the Palestine economic society, v.5, no.2, Aug. 1930). 280.9 P17B
- Sauer, Hans. Kartellierungsbestrebungen in der deutschen landwirtschaft. Kirchain N.-L., Zahn & Baendel, 1929. 148p. 281 Sa8.
- Struve, Peter Berngardovich. Food supply in Russia during the World war, under the general direction of P.B. Struve... New Haven, Yale university press, 1930. 469p. (Carnegie endowment for international peace. Division of economics and history. Economic and social history of the World war. Russian series) Contents.- Organization and policy, by K. I. Zaitsev and N. V. Dolinsky.- Food prices and the market in foodstuffs, by S. S. Demosthenov.
- Virginia. Dept. of agriculture. Division of markets. Cooperative agricultural business organizations in Virginia... 1930 [Richmond, 1930] 5p. 280.29 V81.

HERE AND THERE

Dr. C. L. Holmes, In Charge, Division of Farm Management and Costs, who is attending the Regional Outlook Conference in Atlanta this week will stop off on his return trip to attend a meeting on November 17 of the Taylor Society of the University of North Carolina, Chapel Hill, N. C. He will give an address on the subject, "Technique and Economics in the New Farm Management."

C. S. Bouton, Arkansas, Frank O. Black, South Carolina, and F. H. Whitaker, Texas, were in Washington and assisted the Crop Reporting Board with the cotton report released on Saturday. Paul H. Kirk, Minnesota, and A. E. Anderson, Nebraska, were here and assisted with the general crop report issued on Monday.

R. R. Pailthorp and Wm. E. Lewis, Division of Fruits and Vegetables, attended a meeting of the National Onion Association in Toledo, Ohio, November 6, at which possible changes before another shipping season, in the onion grades for northern grown onions, were discussed. No definite action was taken.

Friends of Miss V. McGlothlin, Division of Livestock, Meats and Wool are sorry to learn that she has pneumonia; they hope for her early recovery.

C. J. Franks, Chief Grain Inspector, Port Commission, City of Norfolk, was cordially received when he called last week on former associates in the Grain Division.

B. E. Surry, of the Chicago market news staff, Division of Fruits and Vegetables, reported in the Washington office Monday. He will remain for about two weeks acquainting himself with the market-reporting work in this city and assisting in the preparation of the daily market bulletins on all products included in the national reports.

Edward Small, Division of Dairy and Poultry Products, has returned to Philadelphia after being on annual leave and serving temporarily in Chicago in the absence of C. L. Pier, while the latter was on his vacation.

A son, born November 7, the second boy in a family of four children, adds another happy milestone in the lives of Dr. and Mrs. O. C. Stine.

Paul L. Koenig, Division of Crop and Livestock Estimates, is another happy father in our midst. A daughter was born to Mr. and Mrs. Koenig on November 4.

J. J. Olofson, Meat Grader, Division of Livestock, Meats and Wool, assigned to the New Orleans area, was transferred to the meat grading staff in Chicago, November 5. The New Orleans assignment was primarily in the service of the U. S. Shipping Board, whose ocean-going vessels have been turned over to private operators. C. F. House, Meat Grader, loaned to the Shipping Board for service in the Houston and Galveston, Texas, areas, was transferred November 10, to the meat grading staff in New York City.

Distressing news has been received of the death of Dr. Whitney Coombs and his little daughter Betty. They were struck by an automobile on November 8 in Canton, N. Y.

Dr. Coombs was appointed in the Division of Agricultural Finance in September, 1926, where he was engaged in studies of farm taxation, a subject in which he was recognized as an authority. He resigned in September, 1929, to become head of the Department of Economics at St. Lawrence University, Canton, N. Y.

Dr. Coombs is survived by his widow and an infant daughter. His former co-workers in the Division of Agricultural Finance have expressed their sympathy to Mrs. Coombs in a floral offering.

C. V. Whalin calls attention to the fact that there will no doubt be a number of Bureau men in Chicago on official business during the International Livestock Show, to be held from November 29-December 6. Anticipating a desire on the part of these men to attend the show, Mr. Whalin suggests that they submit their names to him as soon as possible, in order that passes may be obtained and be on hand for them in the Chicago office of the Division of Livestock, Meats and Wool. Similar passes have been furnished in previous years, but the management of the show asks that the requests and the names of the representatives who will use the passes be furnished well in advance of the show, because of the difficulties that will be experienced in issuing passes during the International Livestock week.

The Washington office extends sincere sympathy to W. O. Fraser, whose father died in East Liverpool, Ohio, November 9. Mr. Fraser is a member of the Des Moines, Ia., office of the Division of Livestock, Meats and Wool.

E. L. Morris, of the Kansas City, Mo., office, and H. E. Nelson, of the Omaha, Nebr., office, Grain Division, were on the program on October 30 of the Twenty-Eighth Annual Convention of the Farmers Elevator Association of Nebraska, in session in Lincoln, Nebr., the 30th and 31st. Mr. Morris discussed the subject, "Accomplishments under Federal Grain Standards," pointing out some of the outstanding results which have been attained during the last 14 years under the present system of grain inspection; in his talk on the subject, "Smutty Wheat in the Market," Mr. Nelson referred particularly to the way such wheat is handled on the Omaha market.

A meeting of the Library staff of the Department will be held at 4:30, Thursday afternoon, November 13, in the Reading Room of the main Library. A talk on "Our Farm Life Fiction" will be given by Miss Caroline B. Sherman of the Division of Economic Information.

Gordon W. Sprague, Division of Dairy and Poultry Products, left Washington for Chicago last week to handle the proposed new weekly poultry and egg plant report. Information will be obtained each week from operators of poultry and egg plants on the quantities of eggs and poultry received from producers, and an inventory will be taken of eggs and of live and dressed poultry at the close of each week. The first figures will give the division some idea of the current production of eggs. The information regarding receipts, together with inventories in the case of both poultry and eggs, will enable the division to ascertain the current movements from country points to terminal markets. The first schedules are due to arrive this week, but it will be several weeks before the compiled information will be ready for general distribution.

Friends in the Washington offices were sorry to hear of the loss of Bryce Morris, of the Denver market news office, in the death of his mother at Colorado Springs, October 25.

Everett E. Edwards, Division of Statistical and Historical Research, will take Dr. O. C. Stine's place on November 14 on the program of the Southeastern Economics Conference, which will meet in Atlanta, Ga., November 14 and 15. Mr. Edwards will discuss the subject, "The History of Southern Agriculture Leading Up to the Present Situation."

L. A. Reynoldson, Division of Farm Management and Costs, is the only Bureau member who came off with honors in the Department's annual golf tournament, held October 28 at the Beaver Dam Country Club. Mr. Reynoldson was one of the participants who was awarded a prize for low net scores for 36 holes. F. W. Casey, Food and Drug Administration, won the silver cup for the lowest gross score. L. T. Hopkins, Bureau of Animal Industry, had the next lowest gross score.

THE B. A. E. NEWS

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ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS.

UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

November 18, 1930.

Vol. 23, No. 21.

SUCCESSFUL SOUTHERN OUTLOOK

CONFERENCE REPORTED FOR ATLANTA.

The Southern States Regional Outlook Conference held at Atlanta, Ga., November 10-14 was a well attended and successful meeting, according to the reports of the 12 Bureau representatives in attendance. Representatives of the extension services and agricultural colleges were present from 11 Southern States. The registered State delegations were as follows: Alabama, 5; Arkansas, 3; Florida, 4; Georgia, 13; Louisiana, 3; Mississippi, 11; North Carolina, 3; Oklahoma, 8; South Carolina, 7; Tennessee, 9; Virginia, 3. Texas sent no representatives. The Federal Extension Service had 5 representatives at the meeting; the Federal Farm Board, 4 representatives; the Federal Board for Vocational Education, 1; the Bureau of Agricultural Economics, 12.

This meeting was unique in several respects. It was the first time the Bureau had ever sent men into the field to issue an outlook report away from Washington headquarters. It was the first time the Bureau had ever issued an outlook report well in advance of the Southern planting season, and is considered the biggest piece of work the Bureau has ever undertaken for the South.

A live interest is reported on the part of the colleges in the Bureau's outlook work. With the special fund now available for the employment of extension economists, the extension services are entering upon this work with vigor and enthusiasm.

With the aid of the local force in the offices of the Divisions of Cotton Marketing, Crop and Livestock Estimates, and Warehousing, about 40 pages of the report were run and distributed in Atlanta. That part of the report relating to livestock was sent to Washington for duplication and mailing. The report is being prepared for printing as a miscellaneous publication, for wider distribution. The report on cotton facts, prepared by Dr. O. C. Stine and Lawrence Myers, was highly commended and is being prepared for the printer. Copies of the complete report, in mimeograph form, are available in the Division of Economic Information.

The Bureau men who participated in the meeting were Mr. Englund, who acted as Chairman, Mr. Marquis, who supervised the editorial end of the work, Dr. C. L. Holmes, A. W. Palmer, Lawrence Myers, G. A. Collier, C. E. Gage, C. A. Burmeister, L. H. Bean, N. J. Wall, R. Royston, and J. W. Park. L. A. Schlup of the Extension Service, assisted with the editorial work.

CHIEFS TAKE PART IN LAND-GRANT

COLLEGE PROGRAMS THIS WEEK.

The 44th annual convention of the Association of Land-Grant Colleges and Universities is meeting in Washington this week (November 17-19), at the Willard Hotel. Mr. Englund was among those who were on the evening

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Washington, D. C.

program on Monday of the general meeting. He gave an address on "Research Needed as a Basis of Readjustment to the Changing Conditions of Agriculture." Another participant in the program that evening, in whom the Bureau is interested, was H. R. Tolley, former Assistant Chief of this Bureau and now Assistant Director and Professor of Agricultural Economics of the Giannini Foundation, University of California. Mr. Tolley's address was on the subject, "The Problem of Economic Readjustments of American Agriculture."

Mr. Olsen spoke on "The Federal and State Program of Agricultural Education in Relation to the Agricultural Situation" on the evening program Monday, of the Resident Teaching Section of the Association of Land Grant Colleges and Universities and the American Association for the Advancement of Agricultural Teaching.

RED CROSS MAKES ANNUAL DRIVE.

The annual roll call for the American Red Cross was begun in Washington on November 11 and will be continued until November 27. R. M. Reese, Chief Clerk, is permitting no solicitation in the Department, but has designated an employee in each building to receive voluntary subscriptions. Below is given a list of Bureau employees who will receive subscriptions in the various buildings which we occupy. These contributions will then be turned in to D. N. Hevener, who will in turn send them to Mr. Reese.

Bieber Building, Miss Emily E. Clark; 221 Linworth Place, Miss Beulah L. Chamberlain; 300 Linworth Place, Miss Virginia Bell; Building C, Miss Anna M. Elder; Building F, Miss Annie H. Alves; Center Market, C. H. Walleigh.

In a memorandum to bureaus of the Department, Mr. Reese pays the following tribute to the work of the Red cross and makes an appeal for its generous support:

"All employees are familiar with the splendid work of the Red Cross. Its effective handling of the relief of sufferers when unpreventable disasters plunge thousands of people into distress is eloquent testimony of its worth. The organization has to depend largely upon the annual roll call for its support and it is hoped that you will respond to this appeal as generously as you have always done heretofore."

TOBACCO GRADING SERVICE HOLDS STIMULATING MEETING.

The meeting of the Tobacco Grading Service in Raleigh, N. C., November 8 and 9 was successful in every way, Chas. E. Gage reports with enthusiasm. There were present 20 graders, 3 supervising inspectors, 3 representatives from the Washington office, and R. B. Etheridge, Chief of the North Carolina Division of Markets. W. A. Graham, Commissioner of Agriculture of North Carolina, sat in one session of the meeting. The discussions were on the problems of putting the tobacco grading service across and how different members of the force meet those problems.

The men had been served notice that they would have to make a speech, as Mr. Gage put it, "even if they had to talk with their hands." Many

claimed before the meeting that they would not talk. But Mr. Gage states that as chairman his main trouble was not to get the men to talk, but to get them to stop talking. On Saturday, November 8, the meeting convened at 10:00 in the morning and was in almost continuous session until 10:25 that night. It took Mr. Gage just 25 minutes to shut off discussion and adjourn.

Mr. Gage looks upon the conference as producing two important results, first, the exchange of ideas which is always helpful and stimulating; second, a long step has been taken in knitting the organization together and welding it into a single, thoroughly unified driving force for attaining the goal of the Tobacco Grading Service. He says that the men went back to their stations "all pepped up."

SERIES OF GRAIN GRADING SCHOOLS HELD IN IOWA.

The Educational Committee of the Grain Division, in cooperation with the Iowa State Agricultural College, and aided by two grain dealers' and elevator associations in Iowa, has completed a series of ten meetings throughout the State, for the purpose of bringing the benefits of the standards to the producers and handlers, and to bring about a more efficient administration of the United States grain standards Act.

Ways of harvesting and handling grain for better grades in the terminals were subjects discussed. Local crop conditions and grading problems were considered through samples brought in by local growers and dealers. There is a decided demand for a wider use of grain grading facilities, especially at this time, due to local grain shortages causing unusual grain movements. Those on the program were E. S. Dyas and Frank Robotka, from the college, and Grain Supervisors W. B. Combs, G. A. Dabinett, and G. F. Binderim. Complete grain grading equipment was carried and set up at each place; samples were graded, the grading apparatus explained, and the grain in spection moving picture reels were shown. A model freight car built by W. W. Amidon of the Minneapolis office of the Grain Division, was used to demonstrate car loading and sampling. It served a very useful purpose and was given considerable attention by the audiences.

The college representatives discussed production and marketing problems. The subjects of the Bureau's representatives were the factors which make for quality in the grades and how the shipper can protect his interests on the grain that he ships. It is reported that a lively discussion took place at each meeting.

A survey was made in connection with these meetings which shows that the grain dealers in Iowa generally, are grading the grain which comes to them in wagon loads and are also grading their shipments that they send to terminals. The dealers who grade reported that they were able to check with terminal market grades in most instances.

Producers attending these meetings showed an interest in the discussions of the grading factors which measure quality, and in the discussions of production, handling, and marketing methods which produce grain of high quality and grade.

The points visited were Mason City, Algona, Sheldon, Storm Lake, Sioux City, Waterloo, Fort Dodge, Carroll, Red Oak, and Des Moines.

FARM LIFE FICTION
COMES OF AGE.

Farm life fiction has come of age, Miss Caroline B. Sherman told the Department library workers at their monthly meeting in the Department library last Thursday. To support her statement Miss Sherman pointed to many signs within the literature itself, as well as to outside factors, not the least of which is the increasing attention being given to rural fiction by rural sociologists.

The development of farm life fiction in America has occurred practically within the last 15 years, Miss Sherman said, although a few such books had been written before 1915. "Main Travelled Roads," by Hamlin Garland, was among the first to call attention to this field of writing, but the movement seems to have gotten well under way only when Willa Cather began to publish regularly, beginning in 1913 with "O Pioneers," and following in 1915 with "Song of the Lark" and in 1918 with "My Antonia." For the next few years rural novels appeared from time to time and were welcomed eagerly, whether good or indifferent. It is difficult to realize, Miss Sherman said, how little was published about the farm and farming, in general and literary magazines before 1920. That the editors of such magazines were becoming farm minded by 1921 is attested by the fact that in that year an article appeared in a semi-agricultural journal calling attention to the increasing space given to the subject by magazines - that even the Forum and the Atlantic Monthly had recently published such articles.

Soon after 1920 interest in farm life became active. Later when it became "acute," Miss Sherman said, there was some fear lest the interest assume the proportions of a fad, which in literature is almost as disastrous as a boom in land values.

Miss Sherman finds many reasons for the accelerated interest in farm life fiction, among which are: 1. A growing consciousness among American artists generally that the thing next to them, that they know best, is more likely in their hands to yield beauty than is the exotic. 2. A decided turn to realism (the farm life novel fitted the specifications of realistic treatment). 3. The later shift toward regionalism (the novel fitted this shift even better). 4. The influence of the Middle West on American arts and letters. As these great agricultural States developed an organized life and farmers found a margin for leisure and a released concentration from the conquest of conditions, they drew to their universities and other centers workers in the arts and professions whose point of view gradually shifted and whose horizons widened and ideas became democratized. Under the tutelage of such men vibrant new writers began to emerge in the Middle West and to develop marked talents and even authority. The East began to turn to the Middle West for editorial leaders. In 1919 The Century Magazine called Glenn Frank to the editor's chair; in 1925 Howland was called to succeed Frank. Harpers called Thomas Wells; and the New York Herald Tribune, Stuart Sherman, to organize from the beginning and to guide the literary destinies of "Books," a section of the Tribune's magazine supplement. 5. Interest in psychology and psychoanalysis brought interest to farm characters. 6. Post-war depression in agriculture turned attention to the farm. 7. The prize winning propensities exhibited by farm life fiction stimulated writing in this field and widened interest in the subject. The record reads like a rural award. The Pulitzer prize has gone to Willa Cather for "One of Ours;" to Margaret Wilson for "The Able McLaughlins;" to Edna Ferber for "So Big;" to Louis Bromfield for "Early Autumn." Other prizes have been awarded by

Harpers for "The Able McLaughlins" and to Glenway Wescott for "The Grandmothers;" by the Pictorial Review to Martha Ostenso for "Wild Geese." For books relating to the Soil the Pulitzer biographical prize award went to Hamlin Garland for "Daughter of the Middle Border;" the Atlantic Monthly prize for the best biography, to Harriet Connor Brown for "Grandmother Brown's One Hundred Years."

It is not difficult to believe, Miss Sherman thinks, that the prize now being offered by the National Arts Club will go to a writing that has its roots in the soil of rural America. The stipulation is that it shall best reveal the soul of America in any literary form - biography, essay, poem, novel - that will bring out the aspects of our civilization that are fundamental and admirable.

Among the tests which Miss Sherman has applied in reaching the conclusion that farm life fiction has come of age are: 1. We can now demand as much of rural novels as of any other - strong characterization, insight, "savor," good literary style and craftsmanship. 2. The relative stability and continuity in farm life means that material lends itself to modified saga treatment. The very existence of such sequences as Garland's "Trail Maker" series and Quick's trilogy is evidence of the substance and body and maturity of this material. 3. We can find all kinds of treatment within this school - severe objectivity, dramatic or melodramatic, warmly subjective, reportorial in the best sense, lyric prose. 4. Shown through the development among the writers themselves: Garland was at first bitter; is now mellow, with better perspective; Miss Suckow is now leavening her material with a brief imagination; Miss Scarborough has grown from a somewhat sentimental viewpoint to too-literal transcriptions. 5. By the number of volumes that have been profitable enough for dollar editions. 6. Different viewpoints represented: We see the immigrants and their reactions to American conditions as seen through American eyes, in Willa Cather's "My Antonia;" we see American settlers through the eyes of immigrant settlers and subjective revelation of the immigrants to American conditions and customs in O. E. Rolvaag's "Giants in the Earth." In fact, farm life fiction now covers a wide range of subject and treatment.

Miss Sherman thinks that farm life fiction has a promising future. She believes the possibilities are unlimited for meeting shifts in demand from the material farm life offers. It is a rich source from which to draw, whether the public turns to romance or the historical novel, or any other form of fiction.

QUESTIONNAIRES TO BE APPROVED
BEFORE MAILING TO LISTS.

Mr. Olsen issued a memorandum to division leaders on November 11, in reference to an interpretation by the Secretary's Office of Section 8 of Paragraph 568 of the Administrative Regulations of the Department, which relates to questionnaires, circulars, letters, etc. The memorandum reads in part as follows:

"Recently the question of the interpretation of this regulation was raised in order that we might know exactly its meaning and how far it is intended that the bureaus shall go in requesting approval by the Secretary of questionnaire material which is deemed necessary to circulate.

"The Secretary's Office feels that the sending of inquiries to commercial and industrial concerns and agricultural agencies is an important phase of public relations and one which should be given careful

attention in the bureaus concerned. Therefore, the approval of questionnaires to cover such inquiries is not considered merely in a perfunctory manner. I find, however, that it is the practice of the Secretary's Office, when approving questionnaires, to indicate that such approval would extend to subsequent inquiries of like character. This means that once an approval is received to a form of questionnaire which is used by the Bureau periodically, it will be unnecessary again to submit the request and that the first approval will suffice for later inquiries provided they are the same and do not involve new matter. Please bear this in mind when preparing questionnaires in the future.

"All questionnaires not of a routine character and for which approval has not previously been given should, of course, be transmitted to the Director of Personnel and Business Administration, through this office."

BUREAU NOON HOUR RADIO BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:55 to 1:10 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning November 24:

November 24, 12:55 p.m., Roy C. Potts, November Egg and Poultry
Markets

1:08 p.m., G. A. Collier, November Grain Markets

November 26, 1:05 p.m., L. M. Davis, November Dairy Markets

November 28, 1:10 p.m., W. B. Lanham, Grade and Staple of 1930
Cotton.

BUREAU BREVITIES.

LAND UTILIZATION AND THE FARM PROBLEM are treated jointly in Mis. Pub. 97 which was prepared by Dr. Gray and Dr. Baker with the assistance of various other workers who are mentioned in the footnote acknowledgments. This is an unusual publication from this Bureau, inasmuch as it is composed entirely of graphs and maps with comprehensive interpretative legends or statements, has a foreword signed by Mr. Olsen, and is of the so-called Census size. The foreword calls attention to the fact that we need a comprehensive land policy that will yield greater social and economic values from the use of our lands. This publication may be said to resemble a preliminary paving stone for use on our way toward this policy.

THE GEHL LABORATORY RICE-SCOURING DEVICE is described by its inventor, R. M. Gehl, in Circular 136, just off the press. In this circular the problem that the device was designed to meet is outlined, the degree of success that has been secured through the use of the device is indicated, and the construction specifications are given.

THROUGH THE INTRODUCTION OF A NEW COURSE under Prof. Edward J. Carroll of the department of economics, The American University is undertaking a study of all the wholesale markets which supply the retail dealers of Washington. This study will be extended to quantitative buying from such points as New York, Chicago, Boston, Pittsburgh, and several of the other large productive cities in this country. At the conclusion of the course it is planned to publish the reports in a book under the title of "Applied Economics at American University."

BREVITIES - Continued.

RESEARCH FELLOWSHIPS IN THE SOCIAL SCIENCES, including economics, social, economic and political history, political science, social psychology, sociology, cultural anthropology, statistics, law and human geography, are offered by the Social Science Research Council for 1931-32. These fellowships are open to men and women, citizens of the United States or Canada, who possess the Ph. D. degree, or its equivalent, and who are not over thirty-five years of age. In exceptional cases, the committee may waive the Ph. D. requirement. The closing date for application is December 1, 1930. The announcement of awards will be made March 1, 1931. For further information and application blanks, address the Fellowship Secretary, Social Science Research Council, 230 Park Avenue, New York City.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending November 15 are:

Antsyferov, Aleksiei Nikolaevich. Russian agriculture during the war. Rural economy by Alexis N. Antsyferov... in collaboration with Alexander D. Bilimovich... Michael O. Batshev... Dimitry N. Ivantsov... The land settlement, by Alexander D. Bilimovich. New Haven, Yale university press, 1930. 394p. (Carnegie endowment. for international peace. Division of economics and history. Economic and social history of the world war. Russian series) 281 An8

Brune, Ilse. Die wirkung der deutschen brotgetreidezölle auf die preisbildung von weizen und roggen in den jahren 1926-1928. Jena, G. Fischer, 1930. 45p. (Adhandlungen des wirtschaftswissenschaftlichen seminars zu Jena... hrsg. von prof. dr. G. Albrecht. 21, bd., 1 hft.) 284.5 B83

Halloran, M. F. The romance of the merit system; forty-five years' reminiscences of the civil service. 2d ed. [Washington, D. C., Press of Judd & Detweiler, inc., [1929] 326p. 283 H15

Heer, Clarence. Income and wages in the South. Chapel Hill, University of North Carolina press, 1930. 68p. (The University of North Carolina Social study series) 283 H36

Hough, Walter. Encyclopaedia of cotton fabrics for students and others in the cotton trade... [4th ed. rev.] Manchester [etc.] John Heywood ltd. [1927] 84p. 304 H81

India. Indian central cotton committee. Annual report, 1928/29. Bombay, G. Claridge & co., ltd., 1930. 105p. 72.9 In233A

Louisville industrial foundation, Louisville, Ky. Market analysis of half the nation. [Louisville, 1930] 44p. 280.3 L93

New York (State) State tax commission. Federal and State tax systems 1930. New York, 1930. 53p. Folio 284.5 N 482F

Patterson, Ernest Minor. The world's economic dilemma [1st ed.] New York, Wittlesey house, McGraw-Hill book company, inc., 1930. 323p. 280 P273

Ramsey, Elizabeth. The history of tobacco production in the Connecticut Valley. Northampton, Mass., The Department of history of Smith college, 1930. 206p. (Smith college studies in history. vol. XV, no.3-4. April-July 1930) 69 R14

Thompson, Warren Simpson. Population problems, 1st ed. New York [etc.] McGraw-Hill book company, inc., 1930. 462p. 280 T37P

HERE AND THERE.

Mr. Olsen has accepted an invitation to attend a dinner given by the National Fertilizer Association at the Press Club in Washington, November 19, in honor of the winners in the association's county agent contest.

F. J. Hughes, Business Manager, left Washington Sunday for Chicago, Omaha, and Kansas City and St. Louis where he will confer with Bureau employees in regard to personnel and space questions.

A conference was held in the Conference Room of the Main Building November 15 to further consider plans for the proposed cooperative social and economic study of the Southern Appalachians. The meeting was attended by representatives from the various State agricultural experiment stations, various bureaus of the Department, and the Bureau of Education of the Department of the Interior. Mr. Olsen addressed the meeting, stressing the importance of the work. Dr. A. F. Woods, Director of Scientific Work of the Department, was also present. Dean Thomas Cooper, of Kentucky College of Agriculture, presided over the meeting, which considered and adopted a revised plan of work. A further meeting of the directors committee will be held on November 20 at the Willard Hotel.

R. C. Potts, In Charge, Division of Dairy and Poultry Products, is moving his office today from room 427 to room 420. Room 425, formerly occupied by the Emergency Room, is being taken over by the Division of Dairy and Poultry Products. Hereafter the Emergency room will occupy room 406.

W. A. Sherman, In Charge, Division of Fruits and Vegetables, will discuss the administration of the Perishable Agricultural Commodities Act before the produce trade, at a meeting in New York City tonight, called by the New York branch of the National League of Commission Merchants.

E. C. Paxton, his wife, and his daughter, Patricia Clare, will sail from New York City, November 20, on the S. S. City of Canberra, for Sydney, Australia. Mr. Paxton, who has recently transferred from the Division of Crop and Livestock Estimates to the Foreign Agricultural Service Division, will have charge of the activities of the latter division in Australia and New Zealand. His work will include appraisals of world competition and demand factors on staple agricultural products grown in that territory, and the estimating of crop conditions and probable yields.

During the month of November the Division of Crop and Livestock Estimates will mail out over a million and a half schedules. These will cover a variety of subjects, including an inquiry concerning the utilization of crops in connection with farm income reports, the fall livestock survey, the regular monthly crop schedule, and many miscellaneous inquiries. This is probably the greatest number of schedules mailed out in the same length of time in the history of the division.

Dr. O. E. Baker, Division of Land Economics, is receiving the congratulations of his co-workers on the arrival of a son, Edwin Crewe, born on the morning of November 17.

C. M. Schiller, Assistant Marketing Specialist in the California office, Division of Crop and Livestock Estimates, has recently completed a survey for the Foreign Agricultural Service Division of the winter vegetable production situation on the west coast of Mexico. Reginald Royston, Associate Truck and Fruit Crop Estimator in the Washington, D. C., office of Crop and Livestock Estimates, is now in Cuba making a similar study for the foreign service.

THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

November 25, 1930.

Vol. 23, No. 22.

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And let these altars, wreathed with flowers
And piled with fruits, awake again
Thanksgiving for the golden hours,
The early and the latter rain.

-- Whittier.

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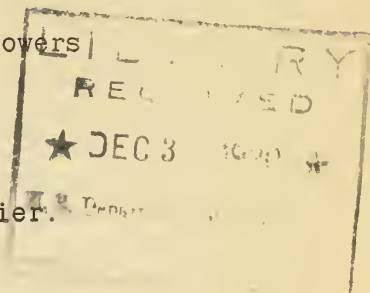
BUREAU WELL REPRESENTED AT CHICAGO MEETING OF MARKETING OFFICIALS.

Mr. Olsen, Mr. Kitchen, Dr. O. C. Stine, R. C. Potts, and H. F. Fitts will appear on the program of the Twelfth Annual Meeting of the National Association of Marketing Officials, to be held at Chicago, Ill., December 1, 2 and 3. On December 2, Mr. Olsen will speak on "Team Work Between the Bureau of Agricultural Economics and the Federal Farm Board." On December 3, Mr. Kitchen will discuss "The Perishable Agricultural Commodities Act, 1930"; Dr. Stine, "The World Wheat Situation"; Mr. Potts, "Quality in Eggs." On that date, Mr. Fitts will make a report to the assembly as Chairman of the Committee on Legislation. Mr. Marquis will also attend and report the meeting for Marketing Activities, and discuss information work with the state representatives.

Among the other principal speakers will be: Chairman Legge, Vice Chairman Jas. C. Stone, W. F. Schilling, and A. W. McKay, all of the Federal Farm Board; C. W. Warburton, Director of Extension Work, this Department; C. H. Lane, Director, Federal Board for Vocational Agriculture; George S. Milnor, General Manager, Farmers' National Grain Corporation; Lloyd S. Tenny of the Chicago Mercantile Exchange.

MR. WHEELER TO REPRESENT BUREAU AT INTERNATIONAL CROP IMPROVEMENT ASSOCIATION MEETING.

W. A. Wheeler, In Charge, Hay, Feed and Seed Division, will represent the Bureau at the Annual Meeting of the International Crop Improvement Association, which will meet in Chicago simultaneously with the meeting of the National Association of Marketing Officials. At the western regional meeting of this Association last July in Bozeman, Mont., a resolution was passed urging the Seed Verification Service of this Bureau to help control the sale of Affidavit Grimm Alfalfa Seed. At the Chicago meeting verified-origin seed dealers, agronomists, and others will take part in a discussion of the attempt at this control and Mr. Wheeler will answer questions regarding the Bureau's service and express opinions on various proposals affecting it.



U. S. Dept. of Agriculture Library,
Attn. Miss Frolinger,
Washington, D. C.

BUREAU MEN PARTICIPATE IN
INTERNATIONAL LIVESTOCK SHOW.

C. V. Whalin, In Charge, Division of Livestock, Meats and Wool, and other members of his staff, including W. C. Davis, Geo. T. Willingmyre, L. B. Burk, A. T. Edinger, and Jas. K. Wallace will represent the Bureau at the International Livestock Show, to be held in Chicago, Ill., November 29-December 6. The wool utilization exhibit, recently shown at the Twentieth Annual Pacific International Livestock Exposition in Portland, Oreg., will be a part of the Livestock Show in Chicago. Grades of dressed lambs and grades of live lambs correlated, the lamb situation, and grades of hogs will also be exhibited by the Bureau. In exhibiting other live animals in another section of the livestock show, in cooperation with officials of the International, the Bureau will demonstrate the grades of slaughter cattle, the grades of stocker and feeder cattle, and the grades of lambs. The management of the Show is standing the entire expense of this live animal exhibit.

E. F. Ramsay, Jr., of the Division of Cotton Marketing, who assisted with exhibit work last summer and this fall, will represent the Bureau in installing the exhibits at Chicago.

C. C. TAYLOR TO REPRESENT
BUREAU IN SOUTH AFRICA.

Dr. C. C. Taylor, formerly head of the department of economics and rural sociology of Virginia Agricultural and Mechanical College, has been appointed to handle the work of the Foreign Agricultural Service of the Bureau, of reporting agricultural production and marketing in the Union of South Africa. His headquarters will be at Pretoria. The South African crops in which the Department is primarily interested are fruit, wool, grain, and tobacco.

Before sailing for his post Mr. Taylor will spend some time in the Bureau familiarizing himself with the available reports on South African agriculture and with the reporting work of the Foreign Agricultural Service generally.

MR. RINGLAND BECOMES MEMBER OF
FOREIGN AGRICULTURAL SERVICE.

Arthur C. Ringland, a member of the Forest Service for 13 years, has been appointed in the Foreign Agricultural Service of the Bureau. His field will be all of Europe, with headquarters in Berlin. Mr. Ringland will give particular attention to land use in relation to forestry. He will also report on the status and trends of forestry developments and the improvement of technical forestry practices in Europe, as an aid in the development of American forestry.

Mr. Ringland, a graduate of Yale Forest School, has had wide experience in the Forest Service as forest assistant, assistant forester, regional forester in charge of the Southwestern District, and inspector in the Office of the Forester in Washington.

GOVERNMENT GRADED TURKEYS
FOR THANKSGIVING MARKET.

Government graded turkeys have been arriving on the New York market during the last week. T. W. Heitz, who has been inspecting them on arrival, reports that they were the finest of the shipments received. Rob R. Slocum is similarly occupied with grading at Philadelphia. At Chicago, San Francisco, Los Angeles, Boston, New York, Philadelphia and Washington about 20 carloads have been Government graded and each bird labeled to indicate its grade.

V. G. Vizbara has been brought to Washington from Boston to assist with the turkey grading work while Messrs. Slocum and Heitz have handled the grading at Philadelphia and New York.

BUREAU COOPERATES IN DAIRY
FARMING STUDY IN NEW JERSEY.

A study of dairy cow replacements and systems of dairy farming is being made in Hunterdon County, New Jersey, by Emil Rauchenstein of the Division of Farm Management and Costs, in cooperation with Professor A. G. Waller of New Jersey Agricultural Experiment Station. Information will be obtained regarding the practices and financial results of 150 or more farmers. The conditions under which it is more profitable to buy cows than to raise them, and the conditions under which it is more profitable to raise them will be investigated, as well as other factors which make for success in dairy farming.

MARKET NEWS WORK AT FARGO
MAKES SATISFACTORY START.

Since the opening of the drop in the leased wire at Fargo, N. D., in cooperation with the State Extension Service, rapid progress has been made in developing a program for that territory. Daily reports are being broadcast by radio. Information is being relayed to other radio stations from Fargo. A mailing list for disseminating market reviews has been developed and several reports are being distributed to that list. C. F. Monroe, Director of Extension of North Dakota, called at the Bureau last week and discussed the matter with Bureau officials. Mr. Marquis will go to Fargo on December 3 to assist that office in organizing its staff to handle material received over the leased wire.

SOUTHERN OUTLOOK REPORT TO BE PRINTED
AS MISCELLANEOUS CIRCULAR.

Copy of the Agricultural Outlook for the Southern States has been sent to the printer and is expected from the press on about December 3. It will be distributed to all extension workers, bankers, cooperatives, Smith Hughes teachers, and Bureau representatives in the South, including the crop reporters in the Southern States.

Since this is the first report that has ever been issued especially for the South, it was deemed desirable to print it, in order to make it more widely available.

MR. GOODRICH SURVEYS TRACT
FOR NEW FEDERAL PENITENTIARY.

C. L. Goodrich of the Division of Farm Management and Costs has just returned from a trip to Lewisburg, Pennsylvania, where he spent a week making a preliminary survey of a thousand-acre tract of land recently purchased by the U. S. Department of Justice as the site of a new Federal penitentiary. This tract of land, rolling in topography, is made up of the whole or a part of 12 farms of assorted sizes and shapes; one, for instance, is 850 feet wide and a mile long. The whole tract is cut up into fields of 15 to 20 acres each separated by barbed wire fences. It is planned to clear away all the old farm and field lines and divide the tract into rectangular hundred-acre lots as far as possible.

The large Dutch overhang, basement barns, of which there are eight on the tract, will be remodeled and used as centres for the development of the farm activities. One of these barns will be the central building for the development of a herd of 60 dairy cows. Another will serve as headquarters for 75 to 100 brood sows and their progeny. Plans are under consideration for converting a third barn into an apartment type of house for 3,000 laying hens. A fourth will be developed as a power and machinery center with mule stable, tractor garage, implement sheds, grist mill, blacksmith and carpenter shops.

The land will be used to produce vegetables and fruit for the prison table, feed for the livestock, and to furnish work and occupation for the prisoners.

An attempt will be made to develop and operate the commissariat and the farm on the basis of an approved dietary for the inmates and to develop a close coordination between the management of these two important activities of the project, a condition which seems to be lacking in many similar public institutions.

BUREAU BREVITIES.

SYSTEMATIC SOURCE BOOK OF RURAL SOCIOLOGY, just off the University of Minnesota Press, is a reference work edited by Professor Pitirim A. Sorokin of Harvard University, Professor Carle C. Zimmerman of the University of Minnesota, and Dr. Charles J. Galpin of this Bureau. It is intended to be a complete encyclopedia, a reference work, and a substantial systematic treatise in the field. It aims to give the reader an adequate and up-to-date knowledge of present-day theories in European, Asiatic, and American scientific literature. This, the first of three volumes that will appear under this title, consists of two main divisions. Part 1 gives a concise summary of the history of rural sociological theory and outlines the main psychological characteristics of the rural world and the farmer-peasant class. The second part gives the details of the external and more formal characteristics of the sociological organization of rural life.

FIRE SAFEGUARDS FOR THE FARM are described in Farmers Bulletin 1643 now being distributed. V. N. Valgren is senior author. The bulletin also tells how to avoid or lessen the fire hazards on the farm; the section on prevailing winds is new in Departmental publications on the subjects of fire and insurance. This bulletin supersedes Farmers Bulletin 904.

BUREAU BREVITIES - Continued.

AS INDICATING THE INTEREST IN AND APPRECIATION OF THE EDUCATIONAL WORK being conducted by the Grain Division ,the following is quoted from a letter addressed to the general field headquarters office of the division at Chicago, by Director R. K. Bliss of the Cooperative Extension Work for Iowa: "We certainly appreciate the help which you gave to the people of our State along the line of grading grains. It seems to me that you could follow up this work by sending bulletins to those who attended the schools. As to a future series of grading schools, we should at least have another series next fall. Do you think it would be advisable to have a series earlier than that?"

MARKET PREFERENCES AND SOME PRACTICES, Involved in the Distribution of Potatoes in Six Eastern Cities, a report in mimeograph form, by R. L. Spangler, Division of Fruits and Vegetables, is a summary of a study conducted during the winter of 1930 in six eastern cities by the Bureau of Agricultural Economics in accordance with the provisions of a cooperative agreement with the Maine Development Commission, the Maine Department of Agriculture, the Maine Agricultural Experiment Station, and the New England Research Council on Marketing and Food Supply. The intent of the survey is to determine the relation of quality to market prices of potatoes. The purpose of this phase of the survey is to determine market preferences and practices involved in the distribution of potatoes.

POST-WAR INTERRELATIONS Between Agriculture and Business in the United States, an address delivered by L. H. Bean, Division of Statistical and Historical Research, before the Second International Conference of Agricultural Economists, Cornell University, Ithaca, New York, August 27, 1930, is now available in mimeograph form.

U. S. STANDARDS FOR FRESH TOMATOES (1930), effective as of December 1, 1930, have recently been issued by the Division of Fruits and Vegetables.

U. S. STANDARDS FOR UNSHELLED PECANS (1930) also have been released recently by the division.

STATE AND FEDERAL PUBLICATIONS Dealing With the Marketing of Agricultural Products, a list of references to the printed publications of State and Federal Departments of Agriculture, Markets, etc., issued since 1924, has been compiled by Miss Louise O. Bercaw of the Bureau Library, and may be had in mimeograph form.

SUCCESSFUL HANDLING OF COMPLAINTS, filed by shippers for investigation under the Produce Agency Act, is bringing the Division of Fruits and Vegetables such letters as the following: "It is indeed gratifying to see that your department is as eager to assist the poor farmer as the large shipper, which makes the Produce Agency Act of great value to everyone concerned. *** I am not the only one in this section (Malobar, Fla.) who shipped peppers to _____ on the same date and have had no returns or statement and were just as anxious to see the outcome of this investigation as I was, as my complaint would probably answer theirs also and they did not want to put any unnecessary expense or burden on your department."

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending November 21 are:

Alberta institute of co-operation. Record of proceedings... 1929 series. Lethbridge - Olds - Vermilion. June 24-29, 1929... Edmonton, Alberta [1929] 22lp. 280.29 A12

Australia. Development and migration commission. Dried fruits industry. Report by the director of development (the Hon. J. Gunn) on the stabilization scheme submitted by the Australian dried fruits association... Canberra, H. J. Green government printer 1930. 12p. Folio 389.3 Au7

At head of title: 1929-30. The Parliament of the commonwealth of Australia.

Barney, Chas. D., & co. The tobacco industry, annual review, 1929. New York, 1930. 69.9 B26

Fisher, R. A. Statistical method for research workers... 3d ed. - rev. and enl. Edinburgh, London, Oliver and Boyd, 1930. 283p. (Biological monographs and manuals, no. 5) 251 F53

Kretzschmann, Hans Joachim. Entwicklung, bewirtschaftung und bedeutung der Berliner stadtgüter. Langensalza, 1930. 116p. 282 K882

Inaug.-diss. - Landw. hochschule, Berlin.

Stokdyk, E. A. and West, Charles H. The Farm board... New York, The Macmillan company, 1930. 197p. 281 St6

U. S. Bureau of foreign and domestic commerce. Trade information bulletin no. 724. Market in Burma for imported foodstuffs. Washington, U. S. Govt. print. off., 1930. 17p. 157.7 C76Dt

U. S. Bureau of foreign and domestic commerce. Trade promotion series, no. 94. The United Kingdom; an industrial, commercial, and financial handbook, by Hugh Butler... Washington, U. S. Govt. print. off., 1930. 953p. 157.54 T67

Vanstone, J. Henry. The raw materials of commerce; a descriptive account of the vegetable, animal, mineral and synthetic products of the world and of their commercial uses. London, New York [etc.] Sir I. Pitman & sons, ltd., 1929. 2v. 286 V36

Yule, G. U. An introduction to the theory of statistics... 9th ed., rev. London, C. Griffith and company, limited, 1929. 424p. (Griffith's scientific text-books) 251 Y9

HERE AND THERE.

While in Chicago in attendance at the meeting of the National Association of Marketing Officials, Mr. Olsen will discuss "Land Utilization" in an informal round table conference at a meeting of the National Cooperative Council, December 3.

Fred Taylor, recently appointed in the Foreign Agricultural Service to make a survey of the cotton manufacturing industry of Japan, will sail with his wife, two daughters, and son from San Francisco, November 28, on the S. S. President Adams, for Kobe, Japan.

W. A. Sherman, In Charge, Division of Fruits and Vegetables, left Washington by boat Sunday night for Norfolk, Va., where on Monday, with A. E. Mercker and L. H. Bean of this Bureau, he attended an outlook meeting held under the auspices of the Interstate Early Potato Committee. In a broadcast from 11:30 a.m. to 12 m. that day, over WTAR, Mr. Sherman and Mr. Bean summarized the addresses they made at the meeting. The Bureau group will also attend a similar outlook meeting in Eastville Tuesday, and in Accomac Wednesday.

Mr. Sherman will be in Boston December 4 to meet with the local branch of the National League of Commission Merchants and discuss the Perishable Agricultural Commodities Act. The League is extending a general invitation to the produce trade in New England to attend this meeting.

Congratulations are in order for Paul G. Minneman, member of the Division of Farm Management and Costs, who has a baby daughter, born Saturday, November 22.

Rodney Whitaker, Division of Cotton Marketing, accompanied by several friends, left Washington by motor November 22 for two weeks' vacation at his home in Oklahoma.

Alexander Sturges, Division of Statistical and Historical Research, is spending a couple of weeks in Boston for the purpose of planning for a milk consumption survey, a cooperative project being conducted by the New England Dairy and Food Council, the Massachusetts Agricultural Experiment Station, the New Hampshire Agricultural Experiment Station, the New England Research Council, and this Bureau.

John H. Cox, Grain Division, spent three days last week in Norfolk, Va., examining 400,000 bushels of wheat belonging to the Grain Stabilization Corporation. This wheat has been treated with ethylene oxide and dry ice for weevil.

Announcement of the marriage of Dennis N. Hevener and Miss Lelia Gladys Wolfe, on November 19, came as somewhat of a surprise to Mr. Hevener's co-workers in the Personnel Section. While they had seen signs that a romance was developing, Mr. Hevener took none of them into his confidence until the day of his wedding, when he told W. A. DeV Vaughan and swore him to secrecy. Mr. and Mrs. Hevener will spend their honeymoon at the bride's home in West Virginia and the groom's home in Virginia before returning to Washington on December 1.

F. G. Robb, Division of Fruits and Vegetables, is making a trip to Columbus, Cincinnati, Detroit, Milwaukee, Minneapolis, St. Louis, and Louisville where he is discussing the Perishable Agricultural Commodities Act before the fruit and vegetable trade. He will also visit Chicago to confer with Bureau officials.

The Minneapolis office of the Grain Division recently has been grading a number of samples of wheat in cooperation with the State College of Agriculture at Brookings, S. D., for use in the school work.

The Advisory Committee on Social and Economic Research in Agriculture of the Social Science Research Council held a meeting at the Institute of Economics, 26 Jackson Place, Washington, D. C., from November 20 to 22, inclusive. Dr. L. C. Gray, of the Bureau, a member of this committee, was present at the meeting. H. R. Tolley, formerly Assistant Chief of the Bureau and now with the Giannini Foundation, was also at the meeting. Dr. John D. Black, Chairman, arranged for the conferences.

R. S. Washburn of the Division of Farm Management and Costs and E. L. Sechrist of the Bureau of Entomology have returned from a visit to commercial beekeepers in the white clover producing sections of New York, Ohio, Michigan, Minnesota and Iowa, where a study is being made of the economics of honey production. This work is in cooperation with the Bee Culture Division of the Bureau of Entomology and is an extension of a similar study made in the honey producing areas of the intermountain States during the past three years.

Jesse W. Tapp, former member of the Division of Farm Management and Costs, was a welcome visitor in the Bureau last Saturday.

Miss Anna Kirby, Division of Crop and Livestock Estimates, sailed from New York on November 20 for California by way of the Panama Canal. En route she will stop at Havana and Panama.

Professor E. C. Johnson of the University Farm, St. Paul, Minn., recently conducted his class of post-graduate students in marketing organization to the Minneapolis office of the Grain Division, to acquaint them with the methods of appeal procedure.

Howard C. Heyden, Telegrapher, reported in Detroit on November 17.

Miss Alice Ruth Cannon transferred from the Section of Mails and Files, November 16, to the Regulatory Branch of the Division of Fruits and Vegetables, to assist with the files incident to the administration of the Perishable Agricultural Commodities Act and Produce Agency Act.

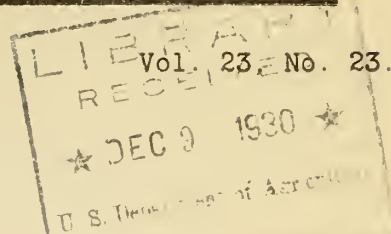
Miss Anna M. Supiot, Clerk-Typist, reported recently for duty in the Washington office of the Division of Livestock, Meats and Wool, by transfer from the Veterans Bureau.

All offices will be closed on Thanksgiving Day.

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ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

December 2, 1930.



MR. DAWSON GOES TO SHANGHAI;

MR. ROSSITER TO BE ASSISTANT.

Owen L. Dawson, who was assistant agricultural commissioner at Berlin for nearly two years, has been appointed in charge of the Shanghai, China, office, to take the place of Paul Nyhus, who will return to Washington.

Fred J. Rossiter, who was appointed to the Bureau in November, will go to Shanghai also, as assistant agricultural commissioner. For five years Mr. Rossiter was manager of an agricultural school and farm mission in China. Returning to this country he received his master's degree in agricultural economics at the Iowa Agricultural College at Ames, Iowa, in 1927, and since that time has been connected with the Agricultural Experiment Station there.

Mr. Dawson and Mr. Rossiter will sail with their families for Shanghai in January.

ANNUAL REPORT OF BUREAU

TO BE RELEASED DECEMBER 8.

The annual report of this Bureau, for the fiscal year ended June 30, 1930, will be released for distribution on December 8. In this report to Secretary Hyde, Mr. Olsen discusses in detail the new lines of work which have been undertaken by the Bureau in order to meet the increasing public demands for economic service and information. New activities include the creation of a foreign agricultural service division, investigations of cotton ginning technique, the licensing of commission merchants, establishment of a tobacco section in the Bureau, and a broadening of effort aimed at securing an increased body of economic data pertinent to current needs of farmers in adjusting farm production to market demand.

The report, covering eighty pages of printed matter, discusses in detail the progress in research and service of the various division within the Bureau. It is an informative statement not only as to what the Bureau is doing, but with regard to fundamental conditions that underlie the agricultural situation.

NEED PRODUCTION ADJUSTMENTS

AND WISER LAND POLICY, SAYS SECRETARY HYDE.

Production adjustments and a more rapid development of a national land utilization policy are two of the remedies for the present agricultural depression, which Hon. Arthur M. Hyde, Secretary of Agriculture, discusses at length in his annual report to President Hoover. Secretary Hyde also emphasizes the necessity of organizing agriculture into effective cooperative groups for collective action, of changing the present tax system to lighten the farmers' tax burden, and of improving rural credit conditions.

"MEDIUM SIZED" POTATOES
PREFERRED BY PRODUCE TRADE.

The most desirable sizes of potatoes for retail trade in eastern consuming markets range from $2\frac{1}{4}$ to 3 inches in diameter, R. L. Spangler, associate marketing specialist, Division of Fruits and Vegetables, has learned in a survey of market preferences in Boston, New York, Philadelphia, Pittsburgh, Baltimore, and Washington.

Dealers who supply hotels and restaurants want potatoes ranging from $2\frac{3}{4}$ to $3\frac{1}{2}$ inches in diameter and weighing from 10 to 14 ounces. Dealers reported also that good-sized potatoes are best for filling orders for French fried and "shoestring" potatoes since these dishes require fairly long pieces. Small potatoes, under $2\frac{1}{4}$ inches in diameter, are not wanted.

Full details of the survey are given by Mr. Spangler in a mimeographed report entitled "Market Preferences and Some Practices Involved in the Distribution of Potatoes in Six Eastern Cities."

FARM OUTLOOK FOR WESTERN
STATES IS SUBJECT OF CONFERENCE.

The agricultural outlook for eleven western States during the coming year is to be the subject of a conference of Federal and State agricultural economists and extension officials at Salt Lake City, Utah, December 15 to 18.

The Department will be represented by O. C. Stine and C. A. Burmeister of this Bureau, and by H. M. Dixon and V. B. Hart of the Extension Service. The States that will send extension specialists to the conference include Colorado, New Mexico, Arizona, Nevada, California, Oregon, Washington, Idaho, Montana, Wyoming, and Utah.

Chief topics of discussion at the conference will be the business situation and demand for agricultural products, the credit outlook for western agriculture, the outlook for beef cattle and sheep, the outlook for dairy and poultry, the outlook for feed crops and wheat, and the outlook for fruits and truck crops.

Following the conference, the various State extension representatives expect to use the material in preparing State reports covering the present and prospective situation regarding the different commodities, and in conducting agricultural extension meetings with farmers.

"GOVERNMENT GRADED" TOBACCO
BRINGS BETTER PRICES TO GROWERS.

A survey at ten flue-cured tobacco markets in Virginia and North Carolina, made by the Tobacco Section of the Bureau, shows that over a period of several weeks past, Government graded tobacco has returned to growers on the average \$1.36 per hundred pounds more than ungraded tobacco of identical quality. The survey of price differentials was made to determine what, if any, effect the grading service has on prices paid to growers, and whether in a year of low prices it is worth while for farmers to spend ten cents a hundred pounds to have their tobacco "Government graded."

The comparisons were of prices on identical grades, the graders being instructed to report on the actual grade and price of large quantities of tobacco sold without the Federal-State grade certificate. The average difference of \$1.36 per hundred pounds in favor of graded tobacco is nearly fourteen times the cost of the service. There were occasional weekly averages for individual grades in which the price differential was in favor of the ungraded tobacco, but these were in the minority. The average difference of \$1.36 per hundred pounds is based on both the unfavorable and the favorable comparisons.

DROUGHT RELIEF CONFERENCE URGES LOANS TO FARMERS.

Early passage by Congress of legislation authorizing loans to farmers in the drought areas for seed, fertilizers, and feed for livestock, and for such other production purposes for the 1931 crop as may be prescribed by the Secretary of Agriculture, was urged in a resolution adopted by the National Drought Relief Conference at the meeting held at the Department on November 20.

The conference recommended also the enactment of an additional road appropriation of \$50,000,000 to be distributed in the drought States by the Secretary of Agriculture without the necessity of matching such appropriation by the States receiving it, and to be repaid by the States by an annual deduction from the normal Federal road appropriation over a period of ten years.

Further relief for the drought areas was sought in a resolution that the Secretary of Agriculture request Congress to provide sufficient funds to relieve counties that are unable to collect enough taxes to meet their share of the cost of maintaining extension agents to June 30, 1932, and in another resolution urging the people of the United States to contribute liberally to the American Red Cross to enable that organization to meet the distress relief problems in the drought areas.

WELFARE HOLIDAY SALES.

The Welfare Committee of the Department and Federal Post 824, Veterans Foreign Wars, have made arrangements to sell their usual line of candies, fruit cake, and nuts for Christmas. Price lists have been distributed and members of the Bureau are asked to cooperate by making their purchases through this agency whenever possible.

J. G. Strobel, Weather Bureau, will handle all orders, which should be sent to him direct. December 10 is the date set for receipt of orders. Additional orders will be received after that date, but to insure prompt delivery and to avoid the possibility of ordering an oversupply, it is urged that orders be made up by that time.

DOWN THE DUCKPIN DRIVES
WITH THE BUREAU BOWLERS.

Farm Management is the leading quint in the Agricultural Economics Bowling League, while the Coops and Nomics are pressing the leaders for first place. Grain stands fourth, followed by Standards, Horticulture, Crop Estimates, and Fruits and Vegetables.

Harry Dixon, with an average of 110, is the leading pin spiller, with William E. Lewis, whose average is 108, as runner-up. Mr. Lewis has also hung up the high individual set - 366 - and he and R. G. Hainsworth are tied for high game of 144. High team game (556) was rolled by the Coops, and high team set (1558) by Fruits and Vegetables.

In the Department League, Economics is trailing the leading Plant Industry quint by three games.

Information is leading in the Ladies Agricultural League. Inter-division is only one game behind and Cooperation two games behind the leader. Fruits and Vegetables is fourth, Cotton fifth, and Extension sixth.

In the Ladies Federal League, the Agricultural quint is tied for first place with the Navy, while Economics occupies eighth position.

Mrs. Alice McQuinn is the outstanding representative of the women bowlers. She is leading the Federal circuit with an average of 102, due in large part to her spare-making ability.

BUREAU BREVITIES.

COPIES OF THE FARM REAL-ESTATE SITUATION, 1929-30, by E. H. Wiecking and B. R. Stauber (Cir. 150) began coming from the press on November 26, which is nearly three weeks earlier than similar reports on the real estate situation have been available in the past. This will enable distribution to be made before the heavy congestion of the December mails. The form of the report has not been changed. As for the situation, "the survey will furnish material in apparent support of both the bullishly and the bearishly inclined" but "regardless of which attitude is given the weight of the evidence, it can be said with reasonable certainty that sentiment in the farm-lands market, generally speaking, took on a less confident tone than was expressed during the year just preceding."

MARKETING FLORIDA CITRUS, SUMMARY OF 1920-30 SEASON, by H. F. Willson, of the Fruit and Vegetable Division, in cooperation with the Florida State Marketing Bureau, has been mimeographed.

MARKETING SOUTH FLORIDA SNAP BEANS, SEASON 1929-30, by V. H. Nicholson of the Fruit and Vegetable Division, in cooperation with the Florida State Marketing Bureau, has also been mimeographed and is available for distribution.

MARKETING TEXAS SPINACH, SEASON 1929-30, by G. D. Clark of the Fruit and Vegetable Division, cooperating with the Texas Department of Agriculture, Bureau of Markets and Chamber of Commerce, San Antonio, is another report now ready for distribution in mimeographed form.

MANUSCRIPTS SUBMITTED BY THE BUREAU DURING NOVEMBER.

The following manuscripts were submitted to the Division of Publications during November:

Agricultural Outlook for the Southern States, 1930-31.

For Miscellaneous Publication 102.

Broxton, W.: Cold storage holdings...Year ended Dec. 1929.

For Statistical Bulletin.

Burmeister, Charles A., Conway, Herman M., and Brodell, Albert P.:

Economic factors affecting the beef cattle industry of Virginia.

For Technical Bulletin.

World cotton situation with outlook for 1930-31 and the long-time

Outlook for southern agriculture. For Miscellaneous Publication.

The following articles have been approved for publication in the periodicals named:

Callander, W. F., : Crop and livestock reporting. For Encyclopedia of Social Sciences.

Davis, W. C. : Government beef grading service - Its benefit to restaurants. For National Restaurant Journal.

Gage, C. S. : Problems and possibilities of the tobacco grading service. For United States Daily.

Smith, W. D. : Better seed rice needed. For Rice Journal.

IN CONGRESS:Bills Introduced:

H. J. Res. 401, by Mr. Summers of Washington, authorizing an appropriation for seed and feed for farmers in the crop-failure areas of Washington. To the Committee on Agriculture.

H. J. Res. 403, by Mr. Aswell, for the relief of farmers in the drought and/or storm-stricken areas of the United States. To the Committee on Agriculture.

BUREAU NOON HOUR RADIOBROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:54 to 1:10 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning December 8:

December 8, 12:54 p.m., D. A. McCandliss, Size of the 1930 Cotton Crop.

December 10, 1:00 p.m., Mr. Olsen, New Knowledge of Farm Economics.

During the week chiefs of the various bureaus will summarize for the radio audience new knowledge and developments during the past fiscal year. On Saturday, December 13, a special land-grant college broadcast will include reports by the chiefs of the Office of Experiment Stations and of the Office of Cooperative Extension Work.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending November 28 are:

American institute of food distribution, inc. The voluntary chains - an evolution in distribution. (Number three in the series of reports being prepared from a continuing record of this development) New York City, 1930. 60p. 286 Am35

Empire cotton growing corporation (Gt. Brit.) Conference on cotton growing problems, August 1930. Report and summary of proceedings. [London, 1930] 166p. 72.9 Em72

Gt. Brit. Inter-departmental committee on grading and marking of beef. Report of an inter-departmental committee on the grading and marking of beef... London, H. M. Stationery off., 1930. 49p. ([Parliament. Papers by command] Cmd. 3648) 50 G79A

Haiti. Financial adviser-general receiver. A review of the finances of the Republic of Haiti, 1924-1930. Submitted to the American high commissioner, by S. De La Rue... ([Port-au-Prince, 1930] 32p. 254.3 H122R

Halloran, Matthew Francis. The romance of the merit system; forty-five years' reminiscences of the civil service. 2d ed. [Washington, D. C., Press of Judd & Detwiler, inc., c1929] 283 H15 Ed.2

Irwin, Marjorie Felice. The negro in Charlottesville and Albemarle County... [Charlottesville, Va.] 1929. 94p. (Publications of the University of Virginia, Phelps-Stokes fellowship papers, no.9) 281.2 Ir9
Thesis (M. A.) - University of Virginia.

Kenya Colony and Protectorate. Laws, statutes, etc. The grading of maize rules and the grading of wheat rules, 1929. Conditions governing the use of the Maize and wheat conditioning plant, Kilindini. Nairobi, Printed by the government printer, 1930. 14p. 59 s42

South Africa. Dept. of agriculture. Bulletin no. 81. An economic investigation of farms in the maize districts of the Orange Free State. Preliminary report for crop season 1927-1928, by J. C. Neethling. 1930. (Economic series no. 12) no. 83. The coat of the Angora goat, by J. E. Duerden and M. R. Spencer. Pretoria, The government printer, 1930. 24 So84P

Syndicat de l'union des marchands de soie de Lyon. Statistique de la production de la soie en France et a l'étranger... Récolte de 1929. Lyon, Société anonyme de l'imprimerie A. Rey, 1930. 47p. 425. 9 Sy7

HERE AND THERE.

Mr. Englund is Acting Chief in the absence of Mr. Olsen and Mr. Kitchen, who are attending the meeting of the National Association of Marketing Officials in Chicago.

Mr. Marquis, O. C. Stine, R. C. Potts, W. A. Wheeler, and C. V. Whalin are among the Bureau representatives at this and other meetings held in Chicago this week.

C. L. Harlan, Crop and Livestock Estimates, was in New York City the first of the week to confer with Dr. Wesley Mitchell and other officials of the National Bureau of Economic Research regarding their study on trends of livestock production.

J. G. Cross, Transportation Service Section, will be absent for the next three weeks when he will go to cities in the East to check records of railroads, steamship lines, and express companies reporting the shipments of agricultural commodities including dairy products.

H. W. Hawthorne, Farm Management and Costs, will go to Kentucky this week to assist in the tabulation of farm business data collected in Knott County during the summer, by representatives of the State agricultural college.

George Butterworth, Division of Cotton Marketing, was in Norfolk, Va., last week for the classification of cotton tendered for future delivery.

J. W. Park, Division of Fruits and Vegetables, has returned to Washington after visiting the principal pecan shipping districts and certain markets of the mid-West where he studied the practices of grading pecans.

R. J. Cheatham, Division of Cotton Marketing, will be in New York and Philadelphia this week in the interest of research studies on the uses of cotton. He will meet with members of the trade and trade associations.

Lawrence Myers, Division of Statistical and Historical Research, left Monday to attend two district outlook meetings in South Carolina. Since the Southern Outlook Conference at Atlanta, the State of South Carolina has arranged to hold a series of seven district meetings of farmers, county extension agents, local bankers and business men, who will be presented with facts relating to the cotton situation foreign and domestic demand, and the general business situation. Mr. Myers will address the meetings. On the program with him will be members of the Federal Farm Board and of the State Extension Service. These meetings are an attempt to arrive at programs for local conditions throughout the State. Mr. Myers attended two similar meetings last week.

Miss Marion A. Pasbach, of the Foreign Agricultural Service Division, was the winner of The Washington Post's movie contest. Miss Pasbach, a well-known movie enthusiast, has such a wealth of information about plays, stars, etc., that she was able to answer correctly the many questions asked by The Post, thereby winning first prize of \$25.00.

The Frozen Foods Conference of the New York Food Marketing Research Council will be held in New York City on Tuesday, December 9. The subject to be presented will be "Development in the Production and Distribution of Foods", emphasizing the Fruit and Vegetable Group. Morning and afternoon sessions will be held, and a special feature will be an exhibit of a number of frozen products being produced commercially.

E. O. Pollock, in charge of the Kansas City office of the Hay, Feed, and Seed Division, and W. R. Kuehn, in charge of the Minneapolis office, are in Chicago this week to meet W. A. Wheeler and G. C. Edler of Washington and discuss seed verification.

Carlos Campbell, Statistical and Historical Research, is making a trip through the hard winter wheat area and terminal markets. His itinerary includes stops at Chicago, Minneapolis, Manhattan, Kansas, Lincoln, Nebr., and Fargo, N. Dak.

Joseph L. Orr, will go to New York State this week to meet with the State agricultural statistician and officials of the Dairymen's League relative to the dairy reporting work about to be undertaken by the Division of Crop and Livestock Estimates.

W. W. Wheeler, Livestock, Meats, and Wool, who has been stationed at National Stock Yards, Ill., since August, will transfer back to New York City as his permanent headquarters about December 15, in the beef-grading service.

Peter M. Strang, Division of Cotton Marketing, is collecting data on the amounts of the various kinds of cotton consumed, to be used in the utilization studies of the Division. Mr. Strang will go to Charlotte, N. C., Columbia, S. C., Atlanta, Ga., Montgomery, Ala., Greenwood, Miss., and Memphis, Tenn., for this purpose.

J. S. Campbell, of the Chicago office Livestock, Meats, and Wool, will address the convention of the National Wool Growers' Association which meets at Colorado Springs, Dec. 10-12. Warner M. Buck will go from Washington to have charge of the Bureau's exhibit, which will depict steps in standardization, marketing, manufacturing, and utilization of wool. Samples of various woollen fabrics will be shown also.

T. R. Pirtle, Division of Dairy and Poultry, will address the annual meeting of the American Creamery Butter Manufacturers, in Chicago, this week.

4 THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

December 9, 1930.

Vol. 23, No. 24.

FARM BOARD RELATIONS DISCUSSED AT MARKETING OFFICIALS MEETING.

The Twelfth Annual Meeting of the National Association of Marketing Officials, held in Chicago December 1-3, brought forth representatives from 21 States and Canada. Many subjects dealing with the various phases of marketing were discussed by the speakers. There was a considerable amount of discussion raised on certain points in the papers.

The second day of the meeting, December 2, was devoted largely to a discussion of the activities of the Federal Farm Board and its relations to other agencies of the Government. Perhaps the outstanding feature of this discussion brought out by all the speakers, including two members of the Board - Chairman Legge and Vice Chairman Stone - was that the policy of the Farm Board is one of cooperation in all its activities and that it favors, in fact, requests, the assistance of other agencies of the Government in connection with its varied problems. The remarks of Mr. Olsen further indicated the understanding and close working relations between this Department and the Federal Farm Board.

Of particular interest to the Bureau were the addresses of A. W. McKay, Chief of the Division of Cooperative Marketing of the Federal Farm Board, and W. J. Kuhrt, former member of the Board and now General Manager of the Northwest Grain Association. Mr. McKay discussed the national fruit and vegetable programs and brought out some interesting facts in connection with the situation. Mr. Kuhrt touched upon the work of the new regional grain marketing organizations.

F. M. Simpson of Swift & Company discussed the package plan of marketing meat. During the course of his remarks he exhibited samples of the various cuts of meat, wrapped in cellophane. He referred to the new method of freezing the meat in preparation for marketing and to the various advantages which in his opinion would accrue from the use of this package.

Mr. Kitchen presented an interesting paper on the new Perishable Agricultural Commodities Act, explaining its provisions and some of the problems which will be met when the law is put into actual operation.

Lloyd S. Tenny, former Chief of this Bureau and now Manager of the Chicago Mercantile Exchange, brought out in an interesting way the question of future trading in perishables and semi-perishables.

F. L. Thomsen of the University of Missouri took as his subject, "Keeping Up to Date on Current Marketing Research." Mr. Thomsen referred to the general lack of information on the part of workers in this field as to the method of finding current references. He brought out that publications, most of them issued by the Government, were now available which contained an invaluable source of material, and that a knowledge of certain publications would give those interested an easy avenue of approach to current

U. S. DEPT. OF AGRICULTURE LIBRARY,
Attn. Miss Trolinger,
4 J Washington, D. C.

developments. Among the publications which Mr. Thomsen listed were a number issued by the Bureau, including Agricultural Economics Literature of the Bureau Library.

Reports of the various committees of the Association were made by their chairmen.

Other Bureau representatives who presented papers at the meeting were Dr. O. C. Stine and H. F. Fitts. For their part in the program consult The B. A. E. News of November 25, page 1.

GRAIN DIVISION PARTICIPATES IN INTERCOLLEGIATE CROPS JUDGING CONTEST.

The Intercollegiate Crops Judging Contest of the International Live Stock and Grain and Hay Exposition, held in Chicago last week, was one of intensive competition, teams of three each being entered from Kansas State Agricultural College, Iowa State College, University of Nebraska, Oklahoma A. and M. College, Michigan State College and Pennsylvania State College. The teams finished in the order mentioned above, the winning Kansas team scoring 4400 points out of a possible 5000.

This is the eighth year of the contest, which is the outgrowth of a conference held in Chicago in September, 1919, between officials of a number of agricultural colleges and members of the Grain Division. Following this conference a large number of State agricultural colleges instituted classes in grain grading. In preparation for the contest the Board of Review and field offices of the Division sent many hundreds of commercially graded samples to the colleges for classroom work.

The grain samples used in the contest are prepared by the Board of Review, and this portion of the contest was conducted by H. P. English and A. F. Nelson of the Board of Review, and E. H. Floyd, junior supervisor in the Chicago district office. In 1928 Mr. Floyd participated in this contest as a representative of North Carolina State College, making the highest individual score that year.

Nearly all of the recent appointees as junior supervisors in the Grain Division are college graduates who have completed the grain grading course, and several of them have competed in these Intercollegiate Crops contests.

BUREAU WORKER TO CONDUCT STUDIES AT BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH.

Mrs. Wanda K. Farr, Division of Cotton Marketing, was transferred on November 26 to Yonkers, New York, with headquarters at the Boyce Thompson Institute for Plant Research. This transfer will make available the excellent facilities of the Institute to the Bureau and permit of more intensive microanalytical work on cotton fibers.

Mrs. Farr plans to make a study of the cellulose in the walls of different types of fibers and of the relation of these and other fiber features to the behavior of the mature fibers under carefully controlled conditions of humidity, light, and temperature. These studies constitute a fundamental part of the researches which have been developed with the hope of laying a background for the classification of the highly variable unit structures which make up a commercial sample of cotton.

JUDGING CONTESTS STIMULATES
INTEREST IN HAY GRADES.

During a recent trip to Arizona, Walter J. Morgan, In Charge of the Los Angeles office of the Hay, Feed and Seed Division, had charge of the Bureau hay exhibit at the Arizona State Fair and acted as judge in the competitive hay contest. Mr. Morgan found the judging period an opportune time for spreading information about the Federal hay grades. Each competitive class was well filled with bales, which provided an excellent opportunity to discuss grades and other factors with interested observers. The interest in the judging was heightened because of the large number of contestants who hoped to win some of the premiums.

Mr. Morgan believes that this way of handling hay exhibits in connection with judging work is excellent for developing an understanding of the U. S. hay grades. More important than the hay exhibit itself, Mr. Morgan thinks, is the stimulating of interest in and conveying of facts about U. S. grades, made easily possible while the judging is in progress.

GRAIN DIVISION MEN HELP TO CLASSIFY AND JUDGE
GRAIN SAMPLES AT INTERNATIONAL EXPOSITION.

This year, as in the past, a committee consisting of John Sheedy, A. F. Nelson and W. F. Shanahan of the Board of Review, Grain Division, assisted the officials in charge of the International Grain and Hay Exposition, which is held in conjunction with the International Live Stock Exposition, in placing the various samples entered into their proper competitive classes. Mr. Shanahan also assisted the judges of the Exposition by making the weight per bushel tests on all grain samples entered. This is an extremely important factor in the determination of the relative merits of the various samples entered, and Mr. Shanahan is annually requested to fill this position.

PROMPT RETURNS NECESSARY OF
RECEIPTS FOR TIRES AND TUBES.

In accordance with a recent change of procedure in making purchases of tires and tubes, the General Supply Committee sends direct to the field offices for which tires and tubes have been requested invoice forms to be receipted and returned as soon as the goods have been received. The attention of the Bureau has been called to the matter of delays which have been taking place in some field offices of the Government service in attending to this detail, which, of course, holds up settlement of the accounts. It is, therefore, requested that all field offices which have occasion to handle these forms, receipt and return them to the General Supply Committee, Washington, D. C., immediately upon delivery of the tires and tubes invoiced to their office.

-oOo-

Ability without enthusiasm--and you have a rifle without a bullet.
--Seed World.

BUREAU NOON HOUR RADIO
BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:55 to 1:10 p.m., eastern standard time. The following members of this Bureau are on the program for the week beginning December 15:

December 15, 12:55 p.m., C. M. Purves, The Price Situation
1:02 p.m., Roy C. Potts, this Bureau, and Mrs. Rowena Schmidt Carpenter, Bureau of Home Economics, in an interview on Buying the Christmas Turkey by Grade
December 16, 1:06 p.m., C. V. Whalin, December Cattle Markets
December 18, 12:55 p.m., W. F. Callander, How Much Crops in 1930
1:00 p.m., J. G. Diamond, How Much Wheat, Rye and Flax in 1930
1:05 p.m., J. B. Shepard, 1930 Production of Potatoes, Apples, Peaches and Pears
1:10 p.m., S. A. Jones, 1930 Production of Rice, Buckwheat, Beans and Legumes.
December 19, 12:54 p.m., J. A. Becker, 1930 Production of Feed Grains
1:00 p.m., Paul Koenig, 1930 Production of Vegetables and Miscellaneous Foods.
1:05 p.m., V. H. Church, 1930 Production of Hay, Forage and Grass Seed
1:10 p.m., C. E. Gage, 1930 Production of Tobacco, Broomcorn and Sugarcane
December 20, at about 1:00 p.m., W. F. Callander, Fall Sowing of Wheat and Rye, a five minute discussion as a part of the National Grange Program.

MR. DUVAL'S WORK WITH INTERNATIONAL
ROAD CONGRESS HAS FRUITFUL RESULTS.

The recent detail of George Duval, Jr., of the Photographic Laboratory, to the Sixth International Road Congress, had fruitful results in more than one way. Following the meeting in Washington from October 6 to 11, the delegates made a trip to different sections of the United States to inspect roads. It was Mr. Duval's good fortune to accompany the group on their tour of the South, to take still pictures of representative roads. A member of the Department Motion Picture Laboratory was also on the trip to make a film. The Department men have the advantage of the rich experience of this trip, as well as a handsome memento of the Congress. In recognition of their work the Congress sent each of them last week a solid walnut humidor. Mr. Duval's bears a plate with the following inscription:

Sixth International Road Congress
Southern Tour
George Duval, Jr.

The Sixth International Road Congress was conducted under the patronage of 20 national associations and was attended by about 1500 delegates from 62 countries. It was the first international road congress ever held outside of Europe.

PORTO RICANS LEARN ABOUT
BUREAU'S FRUIT GRADES.

During a recent two months' stay in Porto Rico, Wm. E. Leigh of the Division of Fruits and Vegetables, accomplished considerable educational work in grading and packing fruits. While no definite agreement was made, it is possible that, beginning in April, 1931, a large proportion of the shipments of Porto Rican grapefruit will be shipping-point inspected on the basis of United States grades, Mr. Leigh reports. This preliminary work was done under the auspices of the Fruit Growers Improvement Committee of Porto Rico, with which J. P. Klein, formerly of the division, is connected. In addition to work on grapefruit, Mr. Leigh also covered the cultivated-orange situation and did a little work with the native or wild oranges.

Mr. Leigh reports that it was quite a change to come from a tropical climate, such as prevails in Porto Rico, to winter like we have experienced in Washington recently.

Porto Rico is one of the small islands in the Caribbean Sea alleged to have been discovered by Columbus in 1493, and was under Spanish control until the Spanish-American War in 1898, when it became a possession of the United States.

The island is only about 100 miles long east and west, and 40 miles wide, but is remarkably rich in scenic beauty. Several of the towns on the island had passed the century mark before Jamestown was even thought of. The population of Porto Rico is about 1,500,000 or approximately 400 to a square mile.

Mr. Leigh says that the cities and villages were evidently all laid out before the advent of the automobile, as most of the streets are very narrow and some of them have no sidewalks. The custom among the natives is to walk in the street, usually the exact middle, regardless of whether or not there happens to be a sidewalk. So, now that there are many automobiles, driving in Porto Rico is quite a fine art and, incidentally, extremely wearing on the driver's disposition and the auto's horn.

All classes and nationalities are represented in Porto Rico, with Negro blood predominating. Spanish is the common language.

On account of the tropical climate, the housing problem can be made no problem at all, and frequently is so made by some of the peons who live in a one-room thatched hut. However, some of the better-class Americans, Spanish or other Europeans have palatial homes and country estates.

Food is more of a problem for the American in Porto Rico than it is for the native, on account of the American's desire for variety. The average native gets along quite nicely on beans and rice, with the local fruits and vegetables thrown in. The European or American wants all this and in addition meats, greens and deciduous fruits. Mr. Leigh says that, at the time he was in Porto Rico, apples and pears were selling 3 for 25 cents, lettuce 25 cents a head, cauliflower 60 cents to 75 cents a head, and grapes 25 cents a pound. Cabbage was said to be the lowest in years, but was retailing at 6 cents a pound. Opposed to this was the price of local produce: bananas 2 for 1 cent, oranges 1 cent each (peeled ready to suck), grapefruit 4 cents to 6 cents each, with avacados, cocoanuts, breadfruit, yams, etc., in proportion.

The weather in Porto Rico permits the wearing of light-weight clothes the year 'round, the popular dress for men being white duck or linen suits. In the rural districts, and to a lesser extent in the cities, the problem of what to wear is greatly simplified by the 3 or 4-year old boys of the poorer

classes, who wear nothing at all.

Mr. Leigh says that while he was greatly impressed by the climate and natural beauty of the island, together with the hospitality of the people, he cannot help feeling that what the island needs right now is about 50 New York taxi-drivers, to break the natives of the habit of walking all over the street.

IN CONGRESS:

S.J.Res. 195, by Senator Sheppard, authorizing investigation of certain operations on cotton exchanges passed the Senate.

H.J.Res. 333, by Mr. Browne, to authorize an appropriation of \$10,000 for the expenses of participation by the United States in the ninth international dairy congress at Copenhagen, Denmark, has passed both Houses.

Pills Introduced.

H.R.14450 - by Mr. Wood, making an appropriation to provide an emergency construction fund for public works during the remainder of the fiscal year ending June 30, 1931. An estimate of \$150,000,000 was transmitted by the President to accelerate work on construction projects authorized by law.

A very large number of bills providing relief for farmers in drought stricken areas have been introduced. Among these are S.J. Res. 211 by Senator McNary and S. 4786 by Senator Robinson, authorizing an appropriation of \$60,000,000 for furnishing seeds, feed and other supplies. Other bills providing loans for similar purposes were introduced by Senator Jones, Senator Caraway, and Congressman Haugen, Summers, Arentz, Aswell, Almon, Fuller, Lankford, Moore of Virginia, McClintic of Oklahoma, and Selvig.

A number of bills provide also for additional construction work and road building.

S.J.Res. 210, by Senator Capper, authorizes the distribution of 40,000,000 bushels of surplus wheat for relief purposes.

S. 4839, - by Senator Blaine, provides for the creation of a Federal Industrial Commission to aid in the stabilization of employment in industry, agriculture and commerce.

H. R.14277, - by Mr. Selvig, is for the purpose of stabilizing the price of wheat.

H.J.Res.409, by Mr. McKeown, provides for the suspension of foreclosure proceedings by Federal Land Banks for the period of 12 months.

H.R.14251, by Mr. Fitzpatrick provides for a 40-hour week for Federal employees.

BUREAU BREVITIES.

FIRE SAFEGUARDS FOR THE FARM, Farmers' Bulletin No. 1643, of which V. N. Valgren is senior author, receives the following favorable comment in a letter from R. C. Heagey, Chairman, Apparatus Committee, Lancaster County Fireman's Association, Pennsylvania, to whom a copy of the publication was furnished: "It reached me the day before our monthly meeting ***. There was a great deal of favorable comment and interest shown in it. We have a live wire Fire Prevention Committee, who are now raising funds for a year round prevention publicity. One suggestion was that a quantity of this bulletin be purchased for distribution thru our member companies and farmer organizations operating in our country. The granges and farmers associations can help us a lot in keeping fire prevention before their members, and your bulletin is a complete and inexpensive method of furnishing reliable information."

THE RESULTS OF A COOPERATIVE STUDY OF THE REGION KNOWN AS THE "Palouse Country," which was made by the Bureau, the Washington State College, and the University of Idaho, have been commended very highly by J. W. Bradley, Vice President of the Old National Bank of Spokane, Wash. In acknowledging receipt of a copy of one of the bulletins covering this study (Washington Experiment Station Bulletin 244 and Idaho Experiment Station Bulletin 173), Mr. Bradley has written as follows to Byron Hunter, of this Bureau, who is co-author with Professor George Severance of Washington State College and Dr. Paul A. Eke of the University of Idaho: "I have received, with your compliments, copy of bulletin, 'Farming Systems for Eastern Washington and Northern Idaho'. The bulletin impresses me as a very valuable contribution to agriculture in the Palouse country. You have made a very practical and exhaustive study of a situation that is having the attention of bankers, mortgage companies and business interests, as well as farmers, in the area."

NATIONAL RESEARCH FELLOWSHIPS IN THE BIOLOGICAL SCIENCES, including zoology, botany, anthropology and psychology, agriculture and forestry, are announced by the National Research Council of Washington, D. C. These fellowships are for study and research in America or abroad and are open to citizens of both sexes of the United States and Canada who possess the Ph. D. degree or its equivalent. They are intended primarily for relatively recent graduates and not for those already professionally established. The purpose of the National Research Fellowships in the Biological Sciences is the promotion of fundamental research in these subjects through the development of an increasing number of thoroughly trained investigators. Fellows for 1931-32 will be chosen at two meetings of the Board, one the first week in February and the other in the spring; applications must be filed before December 15 and March 15 respectively in order to insure consideration at the following meeting. For further information concerning these fellowships address: Chairman, Board of National Research Fellowships in the Biological Sciences, National Research Council, Washington, D. C.

BUREAU TESTS OF STANDARD LINTERS GRADES, discussed by G. S. Meloy, Division of Cotton Marketing, in an article in the October issue of "Textile Wastes," was reprinted by people in the trade and sent to customers. "The National Bedding Manufacturer" asked Mr. Meloy for permission to reprint the article in their next issue, which they did.

METHODS USED BY THE UNITED STATES CROP REPORTING BOARD IN ESTIMATING the Cotton Crop, an article by W. F. Callander and V. C. Childs, appears in the Cotton Year Book of the New York Cotton Exchange, 1930, just released.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending December 5 are:

Canadian grain trade year book, 1929/30, V.10... by W. Sanford Evans statistical service. Winnipeg, Dawson Richardson publications, limited [1930] 109p. 59 C169

Dunlap, W. R. Efficiency investigations in connection with farming. Report on special research grant... London, Development commission, Advisory commission, Advisory committee on agricultural science, 1929. 64p. Mimeographed. Folio 32 D92E

Ely, R. T., Adams, T. S., Lorenz, M. O., Young, A. A. Outlines of economics (5th rev. ed.) New York, The Macmillan company, 1930. 868p. (Social science text-books, ed. by R. T. Ely) 280 E19

Institute of American meat packers. Dept. of public relations and trade. Reference book on the meat packing industry. 2d. ed. Chicago, 1930. 30p. 50 In72R

International federation of master cotton spinners' and manufacturers' associations. The cotton industry of India, being the report of the journey to India, by Arno S. Pearse. [Manchester, Eng., Printed by Taylor, Garnett, Evans & co., ltd., 1930] 332p. 304 P312C

Lampen, Dorothy. Economic and social aspects of federal reclamation, ... with a foreword by Dr. Elwood Mead... Baltimore, The Johns Hopkins press, 1930. 125p. (Johns Hopkins university studies in historical and political science... ser. xlviii, no. 1) 280 J62 ser. 48 no. 1

Leacock, Stephen B. Economic prosperity in the British Empire... London, Constable & Co., ltd. [1930] 246p. 280 L36

Reed, H. L. Federal reserve policy, 1921-1930... 1st ed. New York [etc.] McGraw-Hill book company, inc., 1930. 207p. 284 R24

Shann, E. O. G. Bond or free? Occasional economic essays... Sydney, Angus & Robertson limited, 1930. 102p. 280 Sh1

Stamp, Lawrence Dudley. Asia: an economic and regional geography, by L. Dudley Stamp... New York, E. P. Dutton and company, inc. [1929] 616p. 278 St2

Vorkapitch, Radivoyé L. Le crédit agricole en Yougoslavie... Paris, P. Bossuet, 1930. 172p. 284.2 V91

Wearin, Otha D. An Iowa farmer abroad. Des Moines, Ia., Homestead publishing co., 1928. 157p. 281 W37

HERE AND THERE.

Wm. B. Lanham, Division of Cotton Marketing, is attending a series of district conferences of Extension workers of Oklahoma, where he is discussing the subject, "The Quality of Cotton Grown in the Various Regions of Oklahoma." The meetings will be held respectively at Tulsa, Dec. 8-11; McAlester, Dec. 10-13; Chickasha, Dec. 15-18; and Enid, Dec. 17-20.

The following field Statisticians were called to Washington to assist the Crop Reporting Board this month: C. H. Robinson, Texas, L. L. Janes, Louisiana, and D. A. McCandliss, Mississippi, were brought in for the cotton report, released December 8; Frank Andrews, Utah, V. H. Church, Michigan, and J. G. Diamond, Montana, were brought in for the wheat report, which will be released December 19. All of this group will assist with the December acreage and yield revisions.

Dr. W. J. Spillman, Division of Farm Management and Costs, attended a meeting of the Agricultural Engineers Association in Chicago, December 1. On this first day of the meeting the program was devoted to the American Association of Farm Managers and was presided over by the President of the Association, D. H. Doane, former member of the staff of the Division of Farm Management and Costs and now head of the Doane Agricultural Service in St. Louis. In his address on the subject, "Causes of Agricultural Depression and the Relation of the Professional Farm Manager to the Reorganization of Agriculture That Is Necessary To Meet the Situation," Dr. Spillman said in part: "We are expanding into new agricultural land, made available by recently acquired knowledge of dry farming and by new labor-saving machinery, which enables us to farm with from 10 to 15 inches of rainfall and to make a profit on wheat at 50 or 60 cents a bushel with yields as low as 12 bushels." The three-hour discussion which followed is an indication of the interest with which this statement was received.

Theo. B. Manny, Division of Farm Population and Life, will discuss "Some Ohio Trends in Membership Relations" at the annual meeting of three County Farm Bureaus in Ohio, to be held at Lisbon and two other points in the State selected by the Ohio Farm Bureau Federation, during the period December 8-13.

Alfred C. Brittain, Statistician of the Division of Crop and Livestock Estimates, and Miss Claudia Childs of Douglas, Ga., have announced their engagement. It is expected that the wedding will take place the latter part of January. The Crop Estimates force have additional interest in this engagement in that Miss Childs is a sister of another one of their members, V. C. Childs.

Sympathy is extended to Mrs. Elizabeth A. McTernan, Division of Farm Management and Costs, in the loss of her sister, whose death occurred December 5 at Boston.

Thirty-three years of service in one's Government is a remarkable record and one of which to be proud. Miss Josephine J. Schaake, formerly of the Division of Crop and Livestock Estimates, who retired from the Bureau on December 1, can boast of such a record. Miss Schaake served the Department of Agriculture for 31 years, coming from the Department of the Interior in 1897. Her unusual speed and accuracy as a Computing Clerk were always a source of wonder to her co-workers. They hope her new-found hours of leisure will be filled with happiness.

C. J. Hansen, In Charge of the Market News Service of the Division of Fruits and Vegetables, Los Angeles, Calif., will represent the Bureau at the Farmers and Fruit Growers Convention, Los Angeles, December 15-18.

The Dairy Section of the Division of Crop and Livestock Estimates has now been organized and assigned to room 300 at 200 - 14th St., S. W., The unit is composed of John B. Shepard, J. L. Orr, Miss Sallie F. Clower, Head Clerk, Miss Louise F. Blair, and Mrs. Mary C. Denny.

M. R. Cooper, Division of Farm Management and Costs, will spend several days the latter part of this week in Burlington, Vt., conferring with officials of the Vermont State Agricultural Experiment Station and others concerning the development of a State economic program relating to the apple industry.

"Responsibilities of Grower and Shipper under the Perishable Agricultural Commodities Act" was the subject of an address made by H. A. Spilman, Division of Fruits and Vegetables, at a meeting of the Virginia Horticultural Society at Charlottesville, December 4.

Robert J. Cheatham, Division of Cotton Marketing, will address the the Dallas Agricultural Club, in Dallas, Tex., December 15, on the subject, "New and Extended Uses for Cotton."

Miss Leona Sportsman, Assistant Clerk, has recently transferred to the Division of Economic Information from the Division of Cotton Marketing.

The Christmas spirit of "doing unto others," etc., has gotten an early start with Miss Velma Kneettle of the Graphic Section. The other day she rescued a little dog that had been run over by an automobile, the driver of whom failed to stop to see the extent of the damage he had done. When attendants at the Animal Rescue League stated they would not be able to doctor the dog, but could only chloriform him, Miss Kneettle carried through her good deed by taking the dog to a veterinary hospital and agreeing to pay for his treatment.

Carnegie Institution of Washington announce that exhibits representing work of the institution and its departments of research will be open to the public for inspection in the Administration Building, Sixteenth and P Streets, N. W., on the 13th, 14th, and 15th of December, from 2 p.m. to 5:30 p.m., and from 7:30 to 10:30 p.m.

THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

December 16, 1930.

Vol. 23, No. 25.

TENTH ANNIVERSARY SHOWS GREAT PROGRESS MADE IN RADIO MARKET NEWS BROADCASTING.

Monday marked the tenth anniversary of broadcasting market news by radio. Ten years ago on that date, December 15, the Bureau, then known as the Bureau of Markets, broadcast in radio code the first national agricultural news report from the Washington radio station of the United States Bureau of Standards. The report was picked up by radio amateurs of the Radio Relay League, decoded by them, and dispatched by telephone and messenger to farmers in local areas.

The immediate success of this experiment led to a rapid use of radio to get to farmers up-to-the-minute reports on the farm markets. Wireless stations of the Post Office Department were used in the daily nation-wide market news broadcasts, and within three months of the initial experiment the farm reports were being broadcast from radio station KDKA.

From this modest beginning the radio market news service of the Department has grown until now more than 100 radio stations throughout the country broadcast daily from one to a dozen reports on the farm markets, the news being furnished by the Washington office and the various branch offices of the Bureau.

NEW DAILY CHAIN BROADCAST FOR PACIFIC COAST.

Arrangements are being completed to start a noon-time agricultural chain broadcast over the western network of the National Broadcasting Company, from San Francisco, beginning about January 1. This program will be similar to the Farm and Home Hour which is broadcast from Washington. The Department program will be participated in by several Bureaus which are represented on the Pacific Coast and by the Extension Services of the West Coast States and the Bureaus of Markets in that region.

Morse Salisbury, Chief of the Department Radio Service, is now in San Francisco for the purpose of inaugurating the service. R. H. Lamb of the Division of Fruits and Vegetables will go to San Francisco from Spokane, where he has been working for the division for the last few months, and assist Mr. Salisbury in starting the program. Mr. Lamb's wide acquaintance with markets and agricultural conditions on the western coast and also with the market news work of the Bureau are the reasons for his selection to aid in this work. A Civil Service examination has been announced for a man to take permanent charge of this work.

MISS NICKERSON'S INVENTION BEING WIDELY USED BY GOVERNMENT WORKERS AND OTHERS.

Application for a patent has been made through the Department by Miss Dorothy Nickerson, Division of Cotton Marketing, on a special colori-

U. S. Dept. of Agriculture Library,
Attn. Miss Trolinger,
4 J Washington, D. C.

meter that has been devised for measuring color in various agricultural commodities. The invention uses the disc mixture method and was devised by Miss Nickerson shortly after she came to the Bureau in April, 1927, to meet the needs of the Bureau in measuring hay and cotton. The present model is the newest development and carries many improvements over the preliminary models conceived by Miss Nickerson. Color in hay and cotton has not only been regularly measured by this means, but occasionally some seed and products for canning have been so tested. It is possible to measure color of products in liquid or dry form on the instrument.

This disc method of measurement is not limited to Bureau use, but other branches of the Department are now employing it in their work with one of the several models of the instrument. Models following Miss Nickerson's device have been adapted for use at some of the agricultural experiment stations and for industrial use.

The latest model of Miss Nickerson's instrument will be exhibited at the Color Exhibit at the Museums of Peaceful Arts in New York City, beginning January 15 and running through February.

GROWING NUMBER OF BUREAU WORKERS

TAKING GRADUATE SCHOOL COURSES.

The enrollment this year in the Graduate School of the Department shows 60 members of this Bureau taking courses, according to registrations at the end of last week. Of this number, 33 are women and 27 are men. This is an increase of 10 over last year, when 50 Bureau people were enrolled.

Bureau employees are registered for courses this year, as follows:

Advanced Statistics: J. C. Abbott, B. W. Allin, Miss Edna M. Heffner, Miss Lacy G. Jackson, Jas. R. Kennedy, Paul L. Koenig, Miss Hilda D. Lantz, Mrs. Katherine R. MacKinnon, John L. McCollum, J. L. Orr, Guy A. Peterson, Richard C. Ross, Walter J. Roth, W. H. Rowe, Otis Weaver, Rodney Whitaker.

Elementary Statistics: Miss George Adrian, Miss Annabel S. Arendes, Miss Mary J. Bean, Miss Ruth Buswell, Miss Marguerite Dodson, Meade T. Foster, Neil M. Goen, Arthur C. Jones, Miss Virginia W. Little, Miss Mae Maginnis, Miss J. G. May, Miss Thelma C. Muth, Mrs. Marion G. Nevitt, Miss Mary R. Park, Miss Lucile Powelson, Miss Viola Randolph, Miss Martha Redding, Mrs. Mary R. Redding, Miss Wanda Stippich, C. B. Sydow, Miss Josephine J. Throckmorton, Miss Olive A. Troup, Miss Dorothy Witzke.

Economic Theory: Alfred C. Brittain, Charles G. Carpenter, Maurice Cooper, A. C. Edwards, J. C. Folsom, Mrs. Meda K. Gates, Roger F. Hale, S. A. Jones, George A. Lamb, Miss Lila Thompson.

Interpreting Agriculture: Miss Vivian M. Behenna, Miss Emily E. Clark, Miss Florena Cleaves, Miss Esther M. Colvin, Mrs. June A. Hodgkins, W. H. Youngman.

History of American Agriculture: Miss Louise Bercaw, Miss Carol S. Piper.

Statistics for Biological Workers: Mrs. Corinne F. Kyle, Burton D. Seeley.

Systematic Botany: Wallace L. Hall.

SECONDARY CHRISTMAS MAIL TO BE WITHHELD FROM MAILS DURING HOLIDAY RUSH.

The Department has received the following instructions from the City Postmaster, as to the handling of official mail during the holiday season:

"I beg to request that official matter of secondary importance be

withheld from the mails during the period from December 15 to December 24, inclusive, when the post office will be handling the peak-load of the Christmas mail.

"It will be appreciated if you will request the various divisions of your Department to cooperate with the City Post Office in this matter."

MANY APPLICATIONS FOR LICENSES UNDER
P.A.C. ACT FILED BY CLOSING DATE.

About 12,650 applications for Federal licenses under the Perishable Agricultural Commodities Act had been received by the Bureau at the close of December 10, from handlers of fresh fruits and vegetables. This was the final date for the filing of applications as required by the Act. In addition to the applications already on file, it is expected that there will be several thousand from seasonal shippers, cooperative associations, canners, and others who are not now engaged in any interstate transactions in these commodities and so are not required to be under license at the present time. The Act applies to commission merchants, dealers, and brokers, but exempts the grower who ships only the products of his own raising, and the retail grocer until his purchases in interstate commerce amount to more than 20 carloads in a single calendar year.

WHEAT FED TO LIVESTOCK MORE
THAN DOUBLED THIS YEAR.

The results of the special wheat feeding survey that the Division of Crop and Livestock Estimates made in November were released on December 8. In addition to nearly 200,000 schedules which were sent to farmers, inquiries were mailed to all interior mills and elevators, to a very large list of commercial poultry plants, and to all manufacturers of feed. Statistical clerks from all over the Department were drafted to assist in compiling the returns from these inquiries.

The estimate showed that it is expected that 236 million bushels of wheat will be fed to livestock and poultry this year as compared with 90 million bushels last year.

JAPANESE TOBACCO REPRESENTATIVE
STUDIES BUREAU'S GRADING SYSTEM.

Chas. E. Gage, in charge of the Tobacco Section, returned last week from an inspection trip to markets in Virginia and North Carolina where the tobacco grading service is in operation. He found the service working smoothly and winning new friends daily. The volume of tobacco graded is less than had been hoped for, due to the unusually poor quality of this year's crop and to low prices. Considering these handicaps, however, an excellent showing has been made.

Fred J. Rossiter, who with O. L. Dawson, will represent this Bureau in China, joined Mr. Gage at Raleigh, December 8, and spent three days visiting tobacco markets. It was his first contact with leaf tobacco, and he seems to feel that the information gained will be especially helpful to him in China, which is an important market for flue-cured tobacco.

Mr. Gage learned that M. Hondo, of the Japanese tobacco monopoly, has been devoting a good deal of time at Danville, Va., to a study of the Bureau's grading system. He has determined which of our grades meet the Japanese requirements, and his buyers frequently purchase those grades, regardless of price, often without inspecting the tobacco.

BUREAU GRADING CLASS TO BE
HELD FOR ARMY GROUPS.

A class of Army officers is about to receive instruction in Bureau grading methods, as in previous years. E. G. Boerner, Grain Division, will give instruction and practical demonstrations in the grading of grain according to Federal standards, at the Army Medical Center, Washington, D. C., from December 22 to January 7. On December 23 Mr. Boerner will accompany the class to Baltimore to show the men the actual commercial operation of grain grading and the handling of grain through the elevators and for export. It is expected that 11 officers from various sections of the United States will receive this instruction.

A course of instruction in hay inspection will be given to this same group of officers beginning January 8 and lasting approximately three weeks. This will be followed by a similar course in hay inspection for the enlisted personnel.

BUREAU NOON HOUR RADIO
BROADCASTING PROGRAM.

The radio program of the Department is broadcast daily from 12:55 to 1:10 p. m., eastern standard time. The following members of this Bureau are on the program for the 2 weeks beginning December 22:

December 23, 12:55 p.m., G. A. Collier, December Grain Markets
1:00 p.m., C. L. Harlan, How Many Spring Pigs in 1931?
December 24, 12:55 p.m., C. J. Galpin, A Nation of Homes, a
Christmas greeting as a part of the Progressive Garden
Club program
December 29, 12:55 p.m., L. M. Davis, Dairy Markets for December
December 30, 12:55 p.m., R. C. Potts, The Egg and Poultry Market
Situation
1:05 p.m., W. A. Sherman, The Citrus Situation
December 31, 12:55 p.m., A. B. Genung, The Farm Business Year
for 1930.

PROCEDURE FOR TRAVELERS WHO DO
NOT USE TRANSPORTATION REQUESTS.

The following extract from a letter from the General Accounting Office, submitted to this Bureau in a letter from A. Zarpone, Department Disbursing Clerk, is quoted for the information and guidance of members of the Bureau who perform official travel:

"It is not required that transportation requests be used in all cases, but when they are not used it is required that there be submitted in each instance a statement of the circumstances rendering their use impractical. Such explanation should be approved or disapproved by the administrative office before the account is submitted for audit."

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending December 12 are:

Bogart, Ernest Ludlow, Economic history of the American people. New York, London [etc.] Longmans, Green and co., 1930. 797p. (Longmans' economics series) 277 B63E

Fairchild, Fred Rogers. Elementary economics, by Fred Rogers Fairchild... Edgar Stevenson Furniss... Norman Sydney Buck... rev.ed. New York, The Macmillan company, 1930. 280 F162E Ed.2

[Manning publishing company, Chicago] The Department of rural sociology of Columbia university completes its survey of the small town women's reactions to metropolitan fads and habits. First hand opinions from country leaders. [Chicago, Manning publishing company, 1930] 40 p. 281.2 M31

Mueller, Harold. Chains, menaces or blessings? Oklahoma City, Okla., The Oklahoma publishing co. [c1930] 33 p. Articles on chain stores, originally pub. in Oklahoma City times. 286 M88

Oliver, Charles, ed. Selling milk co-operatively in Connecticut... [Hartford] Connecticut milk producers' association, 1930. 48 p. 44 014S

Rickman, W. G. The shipping seasons of the world's produce, by W. G. Rickman... First edition... London, W. G. Rickman [1930] 120 p. 286 R42

Sorokin, P. A., Zimmerman, C. C., and Galpin, Charles J., editors. A systematic source book in rural sociology... Minneapolis, The University of Minnesota press, 1930. v. 1. 281.2 So6S

Taylor, Paul Schuster. Mexican labor in the United States: Dimmit County, Winter Garden District, South Texas. Berkeley, Cal., University of California press, 1930. (University of California publications in economics. v. 6, no. 5, p. 293-464) 283 T21D

Tugwell, Rexford Guy. American economic life and the means of its improvement, by Rexford Guy Tugwell, Thomas Munro, Roy E. Stryker, 3d ed. New York, Harcourt, Brace and company [c1930] 737 p. 280 T81 Ed.3

U. S. Bureau of foreign and domestic commerce. Domestic commerce series, no. 36. National retail credit survey. Part 3. Including summary tables... Washington, U. S. Govt. print. off., 1930. 66 p. 157.54 D71

BUREAU BREVITIES.

THE AGRICULTURAL OUTLOOK FOR THE SOUTHERN STATES, 1930-31, is discussed in Mis. Pub. 102, now being distributed for use in the outlook work of the South. As such work in that section, to be of greatest use, must come earlier than the dates on which we hold our national outlook meetings, the results of the outlook conference at Atlanta have been printed this year and made available in large numbers, together with the companion publication mentioned below.

THE WORLD COTTON SITUATION with outlook for 1931-32 is discussed in Mis. Pub. 104 which is being mailed for use in the outlook work in the South. This publication also contains the long-time outlook for southern agriculture that appears in Mis. Pub. 102. Both publications passed through the press in almost record time and are being mailed without delay.

THE PERISHABLE AGRICULTURAL COMMODITIES ACT IN OPERATION, the address made by Mr. Kitchen at the Twelfth Annual Meeting of the National Association of Marketing Officials, Chicago, December 3, is now being distributed in mimeographed form.

RESEARCH TO AID ADJUSTMENT IN AGRICULTURE, Mr. Englund's address before the Forty-fourth Annual Convention of the Association of Land Grant Colleges and Universities, Washington, D. C., November 17, has been mimeographed and is available for distribution.

A SHIPPER, WHOSE COMPLAINT UNDER THE PRODUCE AGENCY ACT resulted in his receiving \$996.40 from the defendant, in full settlement of his account, writes the Division of Fruits and Vegetables: "This is to advise that _____ has paid his account with us in full. I wish to thank you for the assistance you have rendered us in making this settlement. If it was not for the Produce Agency Act, and the way it is enforced by the Department, we would have been compelled to go to Pittsburgh, start litigation that no one could tell when and where it would have finished."

THE ECONOMIC POSITION OF THE WESTERN STATES IN AMERICAN AGRICULTURE, the address made by Dr. C. L. Holmes at the Western States Extension Conference, at Bozeman, Mont., August 14, has been mimeographed and is now being distributed.

ABOUT TO TAKE UP TRUCK FARMING, a Minnesota man has credited the Department with practical help already received from Farmers' Bulletins and other literature and asked for additional publications. The Division of Farm Management and Costs recently had the following letter from him: "I have had very little experience with actual farming, but am considering truck farming on a small piece of land owned by a member of the family. I plan to start with an acre or so of general vegetables and four or five acres of potatoes. Naturally there is a world of things that I do not know about such an enterprise, but I learn faster from your bulletins and from books than by hanging around farmers, many of whom do not themselves know how to farm efficiently. I have already received information and bulletins from the Department for which I am greatly obliged, and I am enclosing a list of other bulletins which I would like to have, and also a few questions. ***"

IN CONGRESS:

- S.J. Res. 211, by Senator McNary providing \$60,000,000 for relief of farmers in the drought and storm stricken areas of the United States has passed the Senate.
- H.J. Res. 411, by Mr. Haugen for the same general purposes as S-211 has been reported out of the Agricultural Committee of the House.
- H.R. 14040, by Mr. Elliott, to enable the Secretary of the Treasury to expedite work on the Federal building program has been reported out of the House Committee on Public Buildings and Grounds.

Bills Introduced

- H.J. Res. 424, by Mr. Garber, to authorize the distribution of 60,000,000 bushels of surplus wheat for relief purposes.
- H. R. 14821, by Mr. Bankhead to provide for extending the time of payment of loans made by Federal Land Banks.
- S. 5109, by Senator Frazier, to liquidate and refinance agricultural indebtedness * * * by establishing an efficient credit system.
- H. J. Res. 432, by Mr. Edwards, suspending foreclosure proceedings by Federal Land Banks.

HERE AND THERE.

Mr. Olsen left Washington for the West last Saturday. He will attend the 63rd Convention of the California Fruit Growers and Farmers, and associated meetings, December 17-19, 1930, at Los Angeles. On December 17, at 11:45 a.m., he will address the County Agricultural Commissioners on the strengthening of cooperation between the County Agricultural Commissioners and other Federal and State agencies serving agriculture. At 1:30 p.m. the same day he will discuss "The National Produce Agency and Federal Perishable Commodities Acts." On December 18, at 11:30 a. m. he will discuss "The Outlook for American Agriculture."

Mr. Englund will make three addresses at the Annual Meeting of the State Extension Workers of California, in Berkeley; one, January 5, on "Research to Aid Adjustment in Agriculture," and two, January 6, on "What Has Research in Farm Taxation Shown?" and "Objectives and Present Limitations of Outlook Work." He will give the same addresses at Corvallis, January 8, 9 and 10, respectively, before the State Extension Workers of Oregon. Mr. Englund plans to leave Washington Thursday night, December 18. He will spend Saturday at the Bureau's offices in New Orleans, La., and Monday, the 20th, at the offices in Houston, Tex. While in California, Mr. Englund will stop at the Los Angeles and San Francisco offices. He plans to be back in Washington by January 18.

John L. Glover, Division of Livestock, Meats and Wool, who has been serving as Beef Grader at Kansas City, Mo., was transferred to Buffalo, N. Y., effective December 8.

By executive order, executive departments and independent Government establishments in the District of Columbia will be excused from duty all day Christmas eve.

F. G. Robb, Division of Fruits and Vegetables, is in Baltimore today, December 16, for the purpose of discussing the Perishable Agricultural Commodities Act before the local branch of the National League of Commission Merchants and members of the trade.

Leander D. Howell, Division of Cotton Marketing, will attend a meeting of County Agricultural Agents of the State of Mississippi at the A. & M. College, Miss., December 17, and present the agricultural outlook material prepared by the Bureau for the Southern States, to county agents and extension workers. This material will serve as a basis for formulating an agricultural program for the coming year.

The offices of the Division of Livestock, Meats and Wool, the Division of Dairy Marketing, the Division of Fruits and Vegetables, and the Joint Office of this Bureau, in New York City, are now located in the New York State Office Building at 80 Central Street, entrance room 810. These offices may be reached by phone on Cortland 7-9800.

The Graduate School of the Department announces a course in Soil Genesis and Classification, beginning December 15. The purpose of the course is to explain the new genetic concept of soils, the basis and principles of soil classification, and the scheme of classification of the soils of the United States and of the world.

"Grain Elevator," a painting by Edgar Nye, on exhibition this week at the Arts Club, Washington, D. C., will no doubt interest some members of the Bureau. A local art critic has said of it: "There is here no mere prettiness, which is occasionally mistaken for beauty, but there is something that looks beneath the surface."

The wool utilization exhibit that attracted so much favorable attention at several expositions throughout the country this year, will be displayed for a week, beginning December 18, in the patio of the Main Building of the Department. This is being done at the request of Assistant Secretary Dunlap, who saw the exhibit when it was at the Ohio State Fair in Columbus. It is estimated that a total of approximately 2 million spectators at this fair, the Eastern States Exposition at Springfield, Mass., the Pacific International Livestock Exposition at Portland, Oreg., the California Wool Growers' Annual Convention at San Francisco, and the Chicago International Livestock Exposition, saw this wool exhibit.

As a part of the Department exhibits being carried by the Fox Theatre, this city, the Bureau will have the following display in the lobby of that theatre for the theatre week beginning December 19: A wool exhibit, consisting of pictures, samples of woollen cloth, wool in various stages of manufacture, U. S. grades for wool, U. S. grades for wool top; a case containing products made from cotton lint; a set of models for grades of slaughter hogs; a portfolio with colored pictures of grades for steer carcasses, and the retail cuts of beef in three grades.

Harvey Huntington, Beef Grader, reported December 12, for duty at Sioux City, Iowa.

Oscar Steanson, Division of Farm Management and Costs, left Washington Saturday for his home in Oklahoma City, where he will spend the holidays. He will travel by airplane from Columbus, Ohio, to Oklahoma City. Other members of the division will spend the Christmas holidays at the following points: Miss Dagmar Henningsen, Dike, Ia.; Miss Mary Gould, Bone Gap, Ill.; Miss Catherine Fitzgerald, Boston, Mass.; Miss Ann Lodge, Meriden, Conn.; L. A. Reynoldson, Madison, Wis.; Miss Catherine A. Scanlin, Dushore, Pa.; Miss Helen A. Lee, New York City; Miss Martha R. Ayer, Warren, Pa.; Miss Edwina Pettay, Pittsburgh, Pa.

THE B. A. E. NEWS

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

December 23, 1930

Vol. 23, No. 26



Another year of service well done is coming to a close. No doubt opportunities equally great will challenge our best efforts in the year to come. I appreciate more than I can tell you the fine spirit of service which you have shown throughout and which I know will animate you in the year ahead. May you have unbounded happiness and joy in the New Year.

Kils A. Olsen

AGRICULTURAL APPROPRIATION
BILL FOR 1932.

The Agricultural Appropriation Bill was passed by the House on December 19. Total net increases for this Bureau amount to \$659,646 over the appropriation for the current year. It should be noted, however, that of this amount \$100,000 is to be immediately available for the enforcement of the Perishable Agricultural Commodities Act and that the increase for the Foreign Agricultural Service is offset by the fact that \$200,000 has been made available by the Federal Farm Board for the current year.

Item	Appro. 1931	House Bill 1932	Net Increase or Decrease
General Administrative Expenses	\$ 286,000	\$ 290,030	+ \$4,030
Farm Management and Practice	464,090(a)	480,760	\$16,670
Marketing & Distributing Farm Products	871,800(b)	900,000	\$28,200
Crop and Livestock Estimates	797,000	804,120	+ 7,120
Foreign Agricultural Service	153,000*	383,380	\$230,380
Market Inspection of Farm Products	525,000	550,026	+ 25,026
Market News Service	1,385,000	1,431,920	+ 46,920
Cotton Statistics	420,000	420,000	---
Tobacco Stocks and Standards	25,000	25,000	---
Perishable Agricultural Commodities Act ..	50,000(c)	350,000	+300,000
Enforcement of Cotton Futures and Cotton Standards Acts	234,500	236,560	+ 2,060
Enforcement of Grain Standards Act	840,000(d)	860,040	+ 20,040
Administration of U.S. Warehouse Act	256,000(d)	312,200	+ 56,200
Enforcement of Standard Container, Hamper and Produce Agency Acts	45,000	45,000	---
Completion of Wool Work	8,000	6,000	- 2,000
Wool Marketing Studies	50,000	50,000	---
Operation of Center Market	75,000(c)	---	- 75,000
Total of Bureau	6,485,390	7,145,036	+659,646(e)

(a) Includes \$40,000 for Special Corn Borer research.

(b) Includes \$20,000 unexpended balance 1929 reappropriated 1931 and \$35,000 provided by Second Deficiency Act, 1930, for Cotton Ginning investigations.

(c) Provided by Second Deficiency Act, 1930.

(d) Includes \$15,000 of unexpended balance 1929, reappropriated 1931.

(e) Includes \$45,145 estimated for Brookhart Act Adjustments. Funds for this purpose for 1931 will be requested in the Second Deficiency bill.

* The appropriation for the Foreign Agricultural Service is supplemented during the current year by \$200,000 transfer from Federal Farm Board.

STATISTICIANS TRY WEATHER DATA AS
BASIS OF FORECASTING CROP YIELDS.

Painstaking experiments over a period of three years, with a formula for forecasting crop yields from weather data, are beginning to bring Verne H. Church, Statistician for Michigan, practical results. He does not intend that his formula shall replace the regular crop estimating methods of the division, but hopes that it will be used to supplement them. Experience gained in the Weather Bureau, where he was employed for a number of years, has been of material help to Mr. Church in his present research work.

Mr. Church's efforts were inspired when he attended one of C. F. Sarle's statistical classes, which have been conducted for several years by the Division of Crop and Livestock Estimates for the benefit of field statisticians. With an idea of his own that he wanted to apply to crop estimating methods, Mr. Church proceeded to spend his evenings in making experiments, and he has been regularly employed that way ever since. He has devised a chart from which the indicated effect of weather on yield in bushels can be read direct, without making mathematical computations. He has taken merely monthly temperatures and monthly rainfall as a basis for his conclusions. These are basic factors which are capable of analysis, and it is probable that it will be necessary to break them down into less than monthly periods, in order to determine the critical periods of growth. Mr. Church is concerned particularly with weather conditions early in the crop season, because he believes that the effect of weather on crops often takes place quite a while before it is evident. In general, if crops get a good start, later weather tends to have less pronounced effect, he has found.

So far Mr. Church has applied his methods to estimating the yields of wheat, beans, potatoes, and more recently of corn. He has demonstrated his studies to other field statisticians of the division. He is particularly anxious to have the statisticians in the other corn belt States develop a method of their own to utilize another year in forecasting yields, for a comparison of results with his own conclusions.

The best indication of the practicability of Mr. Church's scheme is that the indicated yield on July 1 as derived from his formula have shown a comparatively high degree of relationship with the final yield.

Statisticians in a number of the other States have also been studying the effect of weather on yield. Of this group, Frederick V. Waugh and C. D. Stevens of the New England office of the division have conducted studies similar to Mr. Church's, beginning this work about the same time. For the last year J. G. Diamond of the Montana office has been making a study of the effect of dry summers on yields of wheat for the succeeding year.

REPORT OF PUBLICATION OF OUTSIDE

ARTICLES MUST BE MADE BY AUTHORS.

Decision has been reached to withhold permission to print articles in outside publications from authors who are in arrears in notifying the Division of Economic Information regarding such articles already published. Permission to publish outside the Department carries with it, by fiscal regulation, the obligation to notify the Division of Economic Information as soon as the article appears in print, and in those cases in which the Department Library system does not subscribe to the journal the author is obligated by fiscal regulation (Par. 604) to present a copy (through the Division of Economic Information). Authors in this Bureau almost habitually disregard these regulations, thus necessitating follow-up work, which is an expense that should not be placed on the Bureau. A still greater irregularity occurs when these authors ask the Bureau Library to find out when the article was published and to furnish the citation. Fiscal regulations require that the authors do this for the Library, not the Library do it for the authors.

PLANS FOR WESTERN FARM AND HOME
HOURLY RADIO PROGRAMS TAKE SHAPE.

The agricultural radio programs for the Pacific Coast and Intermountain States, to be inaugurated by the Department on January 1 (See The B. A. E. News of December 16), will be broadcast daily from Monday to Friday, inclusive, 12:15 to 1:00 p.m. Pacific standard time, on a network of 10 associated stations of the National Broadcasting Company. The broadcasts will originate from the San Francisco studios of the National Broadcasting Company, 111 Sutter Street. There will be 20 minutes of music and entertainment contributed by the National Broadcasting Company; 5 minutes of news dispatches arranged by that company; and 20 minutes of information arranged and delivered by the Department and cooperating agencies. The programs will include the following stations: KTAR, Phoenix, Ariz., KFSD, San Diego, Calif.; KFI, Los Angeles, Calif.; KPO, San Francisco, Calif.; KGO, Oakland, Calif.; KGW, Portland, Oreg.; KOMO, Seattle, Wash.; KHQ, Spokane, Wash.; KSL, Salt Lake City, Utah.; KOA, Denver, Colo.

The Department's portions of the program will be directed by a western program manager. As announced in the earlier item of the B. A. E. News, R. H. Lamb of the Division of Fruits and Vegetables, has been detailed to assist Morse Salisbury, Chief of the Department Radio Service, in inaugurating the western service. All divisions of the Bureau represented in the Pacific Coast and Intermountain regions, have been requested to cooperate to the fullest extent with Mr. Salisbury and Mr. Lamb in arranging programs. The Administrative Regulations do not require that radio speeches be approved by administrative officers in advance of delivery. It is satisfactory if copies of such speeches are furnished after delivery has been made.

The Western Farm and Home Hour represents the first step in regionalizing the Department network radio program so as to make them of maximum value to the radio audience.

SOYBEAN COOPERATIVE ASSOCIATION
PLEASED WITH INSPECTION SERVICE.

The first successful effort to market soybeans cooperatively on a large scale was made this year by the Soybean Marketing Association of Illinois, an organization of 2200 farmers. That the inspection service of the Bureau has played an important part in this venture is evidenced by the following statement in a recent letter from the manager of the Association to J. E. Barr, Hay, Feed and Seed Division:

"We are fast approaching the end of the soybean harvest season here in Illinois and, thanks to the good cooperation from your Department, our deal has been handled in a very satisfactory manner from the standpoint of the inspection of the *** soybeans that were consigned to our Association. I want you to know that we very much appreciate the help that you and Mr. H. H. Whiteside of your Chicago office, gave to our Association in the matter of establishing inspectors at our various receiving points and also in the matter of obtaining for our Association the additional services requested of these inspectors."

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending December 19 are:

Baldwin, Bird Thomas. Farm children, an investigation of rural child life in selected areas of Iowa, by Bird T. Baldwin... Eva Abigail Fillmore... and Lora Hadley. New York, D. Appleton and company, 1930. 337 p. 281.2 B19

Broomhall, George J. S. Corn trade memories, recent and remote, by G. J. S. Broomhall... and John H. Hubback... Liverpool, Northern publishing co., ltd., 1930. 271 p. 59 B792C

Farmer & stock-breeder. Rural England as a market. Some facts and figures about an area hitherto neglected by many general advertisers. 2d ed. August, 1930. [London] Farmer & stock-breeder [1930] 35 p. 256.01 F22

Gt. Brit. Imperial economic committee. Reports, 17th. Progress report - 1930. London, H. M. Stationery off., 1930. 16 p. 280.3 G794

Haensel, Paul. The economic policy of Soviet Russia. London, P. S. King and son., ltd., 1930. 280 H113

National industrial conference board. Trends in the foreign trade of the United States. New York, National industrial conference board, inc., 1930. 329 p. (Its Studies of international problems) 286 N216T

U. S. Bureau of the census. Bulletin 167. Cotton production and distribution, season of 1929-30. Washington, U. S. Govt. print. off., 1930. 74 p. 157.41 B89[Co]

U. S. Bureau of foreign and domestic commerce. Domestic commerce series no. 37. Commercial survey of the Pacific Southwest by C. R. Niklason. Washington, U. S. Govt. print. off., 1930. 647 p. 157.54 D71

U. S. Bureau of foreign and domestic commerce. Domestic commerce series no. 38. Apparent per capita consumption of principal foodstuffs in the United States, by E. G. Montgomery... C. H. Kardell. Washington, U. S. Govt. print. off., 1930. 51 p. 157.54 D71

U. S. Congress. House. Committee on appropriations. Agricultural department appropriation bill for 1932. Hearing... 71st Congress, 3rd sess. Washington, U. S. Govt. print. off., 1930. 765 p. 1 Ag81Hes

BUREAU BREVITIES.

PRICES PAID FOR MARYLAND FARM PRODUCTS, 1851-1927, by Roger F. Hale, Associate Agricultural Statistician of this Bureau, has just been released by the University of Maryland Agricultural Experiment Station as Bulletin No. 321. The study was made under a cooperative arrangement between the University and this Bureau. The author acknowledges his obligation to Dr. O. C. Stine, of this Bureau, under whose direction the work was done, and the following additional members of our staff who rendered assistance: Mrs. Jeanne Cavanaugh, Miss Lucy Smith and George Smith. Credit is also given for assistance to C. F. Sarle, formerly of this Bureau and now of the Federal Farm Board, and to S. H. DeVault and J. E. Metzger of the University of Maryland.

COST OF PRODUCTION AND EFFECTIVE UTILIZATION of Sweetclover on Corn-Belt Farms, a preliminary report by M. A. Crosby, is now being distributed. This report summarizes information obtained from Corn-Belt farmers who have been growing sweetclover as a part of their regular cropping systems through one or more rotation periods. The data presented were obtained by means of a field study made during the summer of 1929, and cover methods of utilizing the crop; material and labor requirements for liming land for growing sweetclover; method and cost of inoculating; quantity and cost of seed and amount of labor required in seeding by different methods, etc.

RECENT MARKETING SUMMARIES FOR THE SEASON 1929-30 have been issued by the Division of Fruits and Vegetables as follows: Marketing Western New York Onions (under cooperative agreement between this Bureau and the New York State Department of Agriculture and Markets), by J. P. Klein and A. L. Thomas; Marketing Wisconsin Potatoes (under cooperative agreement between this Bureau and the Wisconsin State Department of Agriculture and Markets), by C. Donald Schoolcraft; Marketing Western New York Potatoes (under cooperative agreement between this Bureau and the New York State Department of Agriculture and Markets), by J. P. Klein and A. L. Thomas; Marketing Yakima Valley, Wash., Potatoes, by T. R. Hall.

BETTER THAN ADVERTISING FOR WOOL MANUFACTURERS was the Bureau's wool utilization exhibit at the Pacific International Livestock Exposition, Inc., held in Portland, Oreg., October 25-Nov. 1, according to the letter received by Secretary Hyde from O. N. Plummer, General Manager of the Exposition. Mr. Plummer has written: "This display put on by Mr. Willingmyre (Geo. T.) and his associate, Mr. Christie (Jas. W.), carried wool all the way from the fleece to the manufactured article, and proved one of the most interesting exhibits in our entire educational section. ***Manufacturers of various wearing apparel, located in this Western country, advised us that they had spent a number of thousands of dollars in well-known Eastern magazines advertising their specialties, but as the result of an earlier showing of this wool utilization display at Springfield, Mass., they had received more inquiries than brought about by all this other larger expenditure of money in Eastern periodicals; and it's quite safe to say that the benefits coming to all of these woolen people, here in the West, will be greatly added to by the displays having been here at the Pacific International."

HERE AND THERE.

The Bureau will be represented at several of the group association meetings, to be held in Cleveland, Ohio, from December 26 to January 1. At the meeting of the American Farm Economic Association, Bureau men will make addresses as follows: Dr. L. C. Gray, "National Land Policy in Retrospect and Prospect"; O. E. Baker, "The Long Time Outlook as to Supply and Demand for Agricultural Products"; Dr. W. A. Hartman, "State Policies in Regulating Land Settlement"; Dr. O. C. Stine, "What Agricultural Products Had We Best Export"; L. H. Bean, "The Agricultural Situation and Its Effect on Business in 1931." Dr. T. B. Manny will address the meeting of the American Sociology Society on the subject, "Contributions of Sociological Science Useful in Rural Sociology Extension Work"; Mrs. Wanda K. Farr, the meeting of the American Association for the Advancement of Science, on the subject, "Studies in Growth of Cotton Fibers." Other members of the Bureau who will be in attendance at meetings in connection with their work are: Asher Hobson, American Farm Economic Association, American Economic Association, and American Country Life Association meetings; S. W. Mendum and K. Bjorka, American Farm Economic Association, American Farm Association, and American Statistical Association meetings.

Owen L. Dawson, former Assistant Agricultural Commissioner at Berlin, and Fred J. Rossiter, recently appointed in the Foreign Agricultural Service, will sail from Seattle, Wash., January 10, on the S. S. President McKinley, for Shanghai, China, to assume their new posts as Agricultural Commissioner and Assistant Agricultural Commissioner, respectively.

L. P. Stream, Associate Marketing Specialist, reported December 18, for duty as beef grader at Wichita, Kansas, on which date the beef grading and stamping service was inaugurated at that point by W. C. Davis.

Dr. O. C. Stine, In Charge, and Everett E. Edwards, Division of Statistical and Historical Research, will attend the joint meeting of the Agricultural History Society and the American Historical Association, to be held in Boston, Mass., December 29 and 30. Dr. Stine is Editor of the Agricultural History Journal and Secretary-Treasurer of the Agricultural History Society and will participate in the discussion of papers at this meeting. Mr. Edwards will act as chairman of the joint session.

Sympathy is extended to Carlos Campbell, Division of Statistical and Historical Research, in the death of his father last week.

W. A. Sherman, In Charge, Division of Fruits and Vegetables, will address the meeting of the Boston Market Gardeners' Association, in Boston, January 3, on the subject, "Future of Western Large Scale Truck Crop Production and What It Means to the Eastern Grower." On January 8 and 9, he will discuss, respectively, "State and Federal Apple Grades, Past, Present, and Future," and "The Provisions and Operations of the Perishable Agricultural Commodities Act," at the Meeting of the Massachusetts Fruit Growers Association, Worcester, Mass.

H. J. Besley, In Charge, Grain Division, left Washington December 21 for Chicago and Minneapolis, where he will confer with officials of the U. S. Grain Stabilization Corporation and field officials of the division concerning the quality and condition of Government owned wheat stocks, and take up administrative matters with the division's representatives in Minneapolis.

Leavern Lackey, Division of Cotton Marketing, has just returned to Washington from Columbia, S. C., where since September 8 he has been carrying on educational and demonstrational work with farmers, cotton buyers, and spinners.,

Lloyd M. Keller's rise in the ranks, from Messenger to Clerk in the Bureau Library, is very gratifying to those of Bureau with whom his former work brought him in contact. His loyalty and courtesy have attracted the attention of more than one worker.

Office associates of Miss Anna M. Turner, Warehouse Division, were distressed to learn of her misfortune last week. She was run down by a truck and received a fractured wrist and severe bruises.

The spirit of Christmas is pervading the Washington offices at this time. Several of the divisions are holding parties and exchanging gifts.

Miss Emily L. Day, Division of Cotton Marketing, will be on vacation at her home in Buffalo, N. Y., from December 16 through the holidays.

The new address of the Divisions of Livestock, Meats and Wool, Dairy and Poultry Marketing, and Fruits and Vegetables, and the Bureau's Joint Office in New York City, given in last week's B. A. E. News, should have read: "New York State Office Building, 80 Centre Street," not Central Street.

Carl Nagel, Warehouse Division, is working temporarily in the Indianapolis district.

James W. Christie, of the Wool Section, Division of Livestock, Meats and Wool, will leave Washington January 2 for Dickinson, Valley City, Minot, and Devils Lake, N. D., where he will conduct wool grading schools for the benefit of State marketing officials and county agents.

Co-workers of Miss Josephine J. Shaake, who recently retired from the Bureau, have presented her with a silver fruit bowl, bearing the inscription: "To Josephine J. Shaake, from her friends in Crop Estimates, Department of Agriculture, December 1, 1930."

There will be no issue of the B. A. E. News next week, because of the absence of so many of the officials at meetings in the field and of other members of the staff on holiday leave.

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